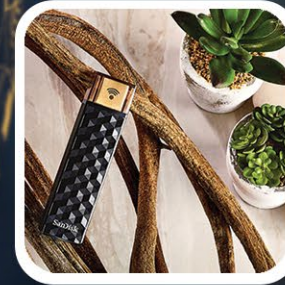


COREX

PRODUCT CATALOGUE JANUARY 2018



STORAGE, SURVEILLANCE AND COMPUTING

AMD

ASRock

Kingston
TECHNOLOGY

WD

SanDisk

EVGA

HIKVISION

Data Storage

dhua
TECHNOLOGY

SAPPHIRE

LEADTEK

QNAP

Synology

Microsoft

ROGUEWARE

LG

Forest Lighting

LATEST NEWS



DEFY CONVENTION.

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LATEST NEWS



wolfenstein II
THE NEW COLOSSUS™

P R E Y



Buy any Radeon RX Vega GPU and get 2 games free*.
Available for a limited time only.

DEFY CONVENTION.

Don't follow. Lead.
Choose Radeon™ RX Vega graphics &
Radeon™ FreeSync Technology.



COMPONENTS

AMD

intel

ASRock

EVGA

RADEON

SAPPHIRE

SAMA

BI FENIX

RAIJINTEK

HYPERX

Kingston
TECHNOLOGY

LEADTEK

RYZEN THREADRIPPER

THE ULTIMATE DESKTOP PLATFORM



The components you need to create the ultimate desktop system platform.

**Unlocked.
Unrestrained.
Uncompromising.**

AMD Ryzen™ Threadripper™ 1900X Processor YD190XA8AEWOF

- # of CPU Cores: 8 Cores
- Base Clock Speed: 3.8GHz
- Max Turbo Core Speed: 4GHz
- Default TDP / TDP: 180W

AMD Ryzen™ Threadripper™ 1920X Processor YD192XA8AEWOF

- # of CPU Cores: 12 Cores
- Base Clock Speed: 3.5GHz
- Max Turbo Core Speed: 4GHz
- Default TDP / TDP: 180W

AMD Ryzen™ Threadripper™ 1950X Processor YD195XA8AEWOF

- # of CPU Cores: 16 Cores
- Base Clock Speed: 3.4GHz
- Max Turbo Core Speed: 4GHz
- Default TDP / TDP: 180W

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



RYZEN 3

Powerful Purpose. Efficient Design

AMD Ryzen™ 3 1200

YD1200BBAEBOX

- Socket AM4 / 4 Cores, 4 Threads
- 3.1GHz Base / 3.4GHz Turbo
- * Wraith Spire 95W Cooler Included*



AMD Ryzen™ 3 1300X

YD130XBBAEBOX

- Socket AM4 / 4 Cores, 4 Threads
- 3.5GHz Base / 3.7GHz Turbo
- * Wraith Spire 95W Cooler Included*



RYZEN 5

Discover. Create. Evolve

AMD Ryzen™ 5 1400

YD1400BBAEBOX

- Socket AM4 / 4 Cores, 8 Threads
- 3.1GHz Base / 3.4GHz Turbo
- * Wraith Spire 95W Cooler Included*



AMD Ryzen™ 5 1500X

YD150XBBAEBOX

- Socket AM4 / 4 Cores, 8 Threads
- 3.5GHz Base / 3.7GHz Turbo
- * Wraith Spire 95W Cooler Included*



AMD Ryzen™ 5 1600

YD1600BBAEBOX

- Socket AM4 / 6 Cores, 12 Threads
- 3.4GHz Base / 3.6GHz Turbo
- * Wraith Spire 95W Cooler Included*



AMD Ryzen™ 5 1600X

YD160XBCAEWOF

- Socket AM4 / 6 Cores, 12 Threads
- 3.7GHz Base / 4.0GHz Turbo



RYZEN 7

Powerful Purpose. Efficient Design

AMD Ryzen™ 7 1700

YD1700BBAEBOX

- Socket AM4 / 8 Cores, 16 Threads
- 3.0GHz Base / 3.7GHz Turbo
- * Wraith Spire 95W Cooler Included*



AMD Ryzen™ 7 1700X

YD170XBCAEWOF

- Socket AM4 / 8 Cores, 16 Threads
- 3.4GHz Base / 3.8GHz Turbo



AMD Ryzen™ 7 1800X

YD180XBCAEWOF

- Socket AM4 / 8 Cores, 16 Threads
- 3.6GHz Base / 4.0GHz Turbo





No Need for Reinforcements

Experience unprecedented built-in gaming power.

NEXT-GENERATION PERFORMANCE AND EXCEPTIONAL GRAPHICS

*All processors come with a cooler



AMD 9500 APU AD9500AGABBOX

- 2 Cores / 2 Threads
- Socket AM4
- 1MB Cache
- 3.8GHz



AMD 9600 APU AD9600AGABBOX

- 4 Cores / 4 Threads
- Socket AM4
- 2MB Cache
- 3.4GHz



AMD 9700 APU AD9700AGABBOX

- 4 Cores / 4 Threads
- Socket AM4
- 2MB Cache
- 3.8GHz



AMD 9800 APU AD9800AUABBOX

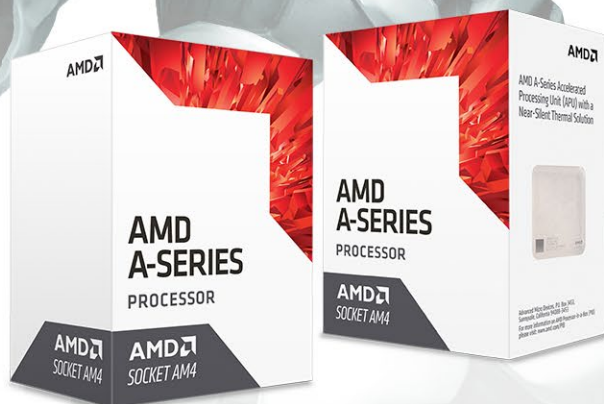
- 4 Cores / 4 Threads
- Socket AM4
- 2MB Cache
- 4.2GHz



AMD Athlon X4 950 APU AD950XAGABBOX

4 Cores / 4 Threads. Socket AM4, 2MB Cache, 3.8GHz

No Integrated Graphics



INTEL INSIDE

A NEW LEVEL OF INTENSITY OUTSIDE

Please Note: 7th Gen Processors only work with the Intel 100/200 Series Chipsets. i5-7640X & i7 7740X Only work with the Intel X299 Chipset.



| Socket 1151



Intel® Celeron® Processor G3930
BX80677G3930

2.9 GHz / 2 Cores / HD Graphics 610

Intel® Celeron® Processor G3950
BX80677G3950

3.0 GHz / 2 Cores / HD Graphics 610

| Socket 1151



Intel® Pentium® Processor G4560
BX80677G4560

3.5 GHz / 2 Cores / HD Graphics 610

Intel® Pentium® Processor G4600
BX80677G4600

3.6 GHz / 2 Cores / HD Graphics 630

| Socket 1151



Intel® Core® i3 7100 Processor
BX80677I37100

2.4 GHz / 2 Cores / HD Graphics 620

Intel® Core® i3 7350K Processor
BX80677I37350K

4.2 GHz / 2 Cores / HD Graphics 630

Intel® Core® i3 7300 Processor
BX80677I37300

4 GHz / 2 Cores / HD Graphics 630

| Socket 1151



Intel® Core® i5 7400 Processor
BX80677I57400

3 GHz / 3.5 GHz / 4 Cores / HD Graphics 630

Intel® Core® i5 7500 Processor
BX80677I57500

3.4 GHz / 3.8 GHz / 4 Cores / HD Graphics 630

Intel® Core® i5 7600 Processor
BX80677I57600

3.5 GHz / 4.1 GHz / 4 Cores / HD Graphics 630

Intel® Core® i5 7600K Processor
BX80677I57600K

3.8 GHz / 4.2 GHz / 4 Cores / HD Graphics 630

Intel® Core® i5-7640X X-Series Processor
BX80677I57640X

4.0GHz / 4.2GHz / 4 Cores / No Graphics / No Fan

Intel® Core® i7-7740X X-Series Processor
BX80677I77740X

4.3GHz / 4.5GHz / 4 Cores / No Graphics / No Fan

| Socket 1151



Intel® Core® i7 7700 Processor
BX80677I77700

3.6 GHz / 4.2 GHz / 4 Cores / HD Graphics 630

Intel® Core® i7 7700K Processor
BX80677I77700K

3.6 GHz / 4.2 GHz / 4 Cores / HD Graphics 630

| Socket 1151



Intel® Core® i3 8100 Processor
BX80684I38100

3.6GHz / 4 Cores / UHD Graphics 630

Intel® Core® i5 8600K Processor
BX80684I58600K

3.6GHz / 4.3GHz / 6 Cores / UHD Graphics 630

Intel® Core® i5 8350K Processor
BX80684I58350K

4.0GHz / 4 Cores / UHD 630

Intel® Core® i7 8700 Processor
BX80684I78700

3.2GHz / 4.3Hz / 6 Cores / UHD Graphics 630

Intel® Core® i5 8400 Processor
BX80684I58400

2.8GHz / 4.0GHz / 6 Cores / UHD Graphics 630

Intel® Core® i7 8700K Processor
BX80684I78700K

3.7GHz / 4.7GHz / 6 Cores / UHD Graphics 630

* Please note 8th Gen Processors only work with Intel X370 chipset

ASRock
| H110 PRO BTC+

Super Alloy Motherboard
Alloy



 **bitcoin**

ethereum

THE ULTIMATE
bitcoin mining motherboard

4 x SATA, 4 x USB 2.0, 2 x USB 3.0, 1 x Front USB 3, 1 x Front USB 2.0, 1 x m.2 Slot, 13 x PCI-E, 1 X DVI-D

X399
SERIES MOTHERBOARDS
ASRock®

RYZEN
THREADRIPPER



BEYOND
EXPECTATION

AMD
SocketTR4
X399

RYZEN
THREADRIPPER

Gigabit
Ethernet

RGB
LED



ASRock

AMD
SocketTR4

X399



X399
SERIES MOTHERBOARDS
ASRock

RYZEN

THREADRIPPER



Fatal1ty X399 Professional Gaming

CPU | Supports AMD X399 Processor Family for Socket TR4

Chipset | AMD X399

Memory | Up to 3600+ (OC) MHz

Expansion | 4*PCIe 3.0x16 1*PCIe 2.0x1

LAN | 2*Intel LAN, 1*AQUANTIA 10Gb/s LAN

WLAN | Intel 802.11ac WiFi + BT V4.2

M.2 | 3*Ultra M.2 (PCIe Gen3 x4 & SATA3)

SATA | 8*SATA3

USB | 2*USB 3.1 (1 Type-A, 1 Type-C)
12*USB 3.0 (4 Front, 8 Rear)
4*USB 2.0 (4 Front)



X399 Taichi

CPU | Supports AMD X399 Processor Family for Socket TR4

Chipset | AMD X399

Memory | Up to 3600+ (OC) MHz

Expansion | 4*PCIe 3.0x16 1*PCIe 2.0x1

LAN | 2*Intel LAN

WLAN | Intel 802.11ac WiFi + BT V4.2

M.2 | 3*Ultra M.2 (PCIe Gen3 x4 & SATA3)

SATA | 8*SATA3

USB | 2*USB 3.1 (1 Type-A, 1 Type-C)
12*USB 3.0 (4 Front, 8 Rear)
4*USB 2.0 (4 Front)





AM4
SERIES MOTHERBOARDS
ASRock

SHAPE THE FUTURE



AMD AM4 Motherboards



ASRock® A320M-HDV

A320M-HDV

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 2667MHz / D-Sub, DVI-D & HDMI



ASRock® AB350M-HDV

AB350M-HDV

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 3200MHz-2133MHz / D-Sub, DVI-D & HDMI



ASRock® AB350 Pro4

AB350-PRO4

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 2667MHz-2133MHz / D-Sub, DVI-D & HDMI



ASRock®Fatal1ty AB350 Gaming-ITX/ac

AB350 Gaming-ITX/ac

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 3466+(OC), 3200(OC), 2933(OC)-2133 / HDMI



ASRock®Fatal1ty AB350 Gaming K4

AB350-GAMING-K4

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 2667MHz-2133MHz / D-Sub, DVI-D & HDMI



ASRock® X370 Killer SLI

X370-KILLER-SLI

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 2667MHz-2133 / HDMI



ASRock® Fatal1ty X370 Gaming X

X370-Gaming-X

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 3200+(OC), 2933(OC) - 2133MHz



ASRock® Fatal1ty X370 Gaming-ITX/ac

X370-Gaming-ITX/ac

Supports AMD Socket AM4 A-Series and Ryzen Processors / DDR4 3466+(OC), 3200(OC), 2933(OC)-2133MHz



ASRock® X370 Taichi

X370-TAICHI

Supports AMD Socket AM4 Socket Ryzen Processors / DDR4 2667MHz, 2400, 2133MHz



ASRock® Fatal1ty X370 Professional Gaming

X370-Professional-Gaming

Supports AMD Socket AM4 Socket Ryzen Processors / DDR4 3200MHz+(OC), 2933(OC), 2667, 2400, 2133MHz

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



SERIES 200 MOTHERBOARDS

ASRock

UNSTOPPABLE



Intel Motherboards



ASRock® Intel H110M-DVS R3.0

intel H110M-DVS-R3.0

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2133MHz / DVI-D, D-Sub



ASRock® Intel H110-PRO-BTC+

intel H110-PRO-BTC+

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2133MHz / DVI-D



ASRock® Intel B250M HDV

intel B250M-HDV

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz / D-Sub, DVI, HDMI



ASRock® Intel B250M Pro4

intel B250M-PRO4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz / DVI, HDMI



ASRock® Intel B250 Gaming K4

intel B250-GAMING-K4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz/2311 /
HDMI, DVI-D, D-Sub



ASRock® Intel H270M Pro4

intel H270M-PRO4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz / DVI, HDMI



ASRock® Intel H270 Pro4

intel H270-PRO4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2133MHz / DVI, HDMI



ASRock® Intel H270 Performance

intel H270-PERFORMANCE

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz/2133 /
D-Sub, DVI-D, HDMI



ASRock® Intel Z270M Pro4

intel Z270M-PRO4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 3600MHz / DVI, HDMI



ASRock® Intel Z270 Pro4

intel Z270-PRO4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 2400MHz/2311 /
DVI, HDMI

* All 100 Series and 200 Series do NOT Support 8th Generation Processors, ASRock 300 Series for 8th Generation Core (Only works with 8th Gen)

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE

ASRock®

UNLEASH THE POWER

Z370 SERIES MOTHERBOARDS





UNLEASH THE POWER

Z370 SERIES MOTHERBOARDS



Intel Motherboards



ASRock® Intel Z270 Extreme4

intel Z270-EXTREME4

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 3866MHz(OC) /
D-Sub, DVI, HDMI



ASRock® Intel Z270 Taichi

intel Z270-TAICHI

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 3866MHz /
HDMI, DisplayPort



ASRock® Intel Z270 SuperCarrier

intel Z270-SUPERCARRIER

7th & 6th Gen Core i7, i5, i3, Pentium, Celeron
Socket 1151 / DDR4 3733+(OC) /HDMI,
DisplayPort, 2 Intel Thunderbolt 3 Type-C



Socket 2066

ASRock® Intel X299 Taichi

intel X299-TAICHI

7th Gen Core i7, i9 Support /
DDR4 4400MHz (OC)



Socket 2066

ASRock® Intel X299 Pro Gaming i9

intel X299-PROGAMING-I9

7th Gen Core i7, i9 Support /
DDR4 4400MHz (OC)

8th Gen Processor



ASRock® Intel Z370 Extreme4

intel Z370-EXTREME4

8th Gen Core i3, i5, i7 / DDR4 4333MHz+(OC)



ASRock® Intel Z370 Killer SLI/AC

intel Z370-KILLER-SLI/AC

8th Gen Core i3, i5, i7 / DDR4 4266MHz+(OC)



ASRock® Intel Z370 Pro4

intel Z370-PRO4

8th Gen Core i3, i5, i7 / DDR4 4266MHz+(OC)



ASRock® Intel Z370 Taichi

intel Z370-TAICHI

8th Gen Core i3, i5, i7 / DDR4 4333MHz+(OC)



ASRock® Intel Fatal1ty Z370 Pro Gaming i7

intel Z370-PROGAMING-I7

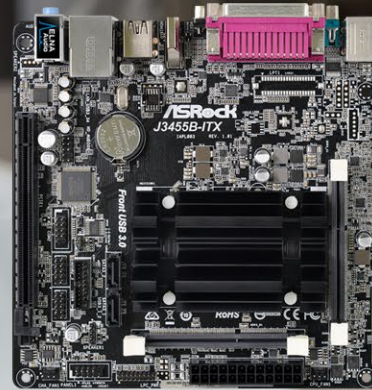
8th Gen Core i3, i5, i7 / DDR4 4333MHz+(OC)

* All 100 Series and 200 Series do NOT Support 8th Generation Processors, ASRock 300 Series for 8th Generation Core (Only works with 8th Gen)

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



Super Alloy
Motherboard
Stable and Reliable



Intel Integrated Motherboards

CASINO / RUGGEDIZED PC
INDUSTRIAL PC / POINT OF SALE



ASRock® J3355M

Intel® Dual-Core Processor J3355 (up to 2.5 GHz)
DDR3/DDR3L 1866/1600/1333 (16GB Max)
2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug
D-Sub, HDMI, DVI-D

ASRock® J3355B-ITX

Intel® Dual-Core Processor J3355 (up to 2.5 GHz)
DDR3/DDR3L 1866/1600/1333 (16GB Max)
2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug
D-Sub, HDMI

ASRock® J3455M

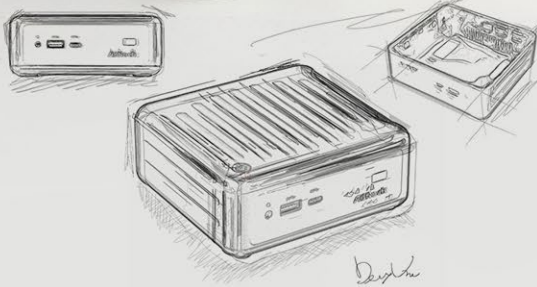
Intel® Quad-Core Processor J3455 (up to 2.3 GHz)
DDR3/DDR3L 1866/1600/1333 (16GB Max)
2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug
D-Sub, HDMI, DVI-D

ASRock® J3455B-ITX

Intel® Quad-Core Processor J3455 (up to 2.3 GHz)
DDR3/DDR3L 1866/1600/1333 (16GB Max)
2 x SATA3 6.0 Gb/s Connectors, support NCQ, AHCI and Hot Plug, D-Sub, HDMI

ASRock BeeBox

Small, Fast, Quiet



ASRock® BeeBox Series BB-N3050

Intel® Celeron™ N3050 1.60GHz / 2.16GHz Dual Core Processor, Integrated Intel PCH, Intel HD Graphics / 2x DDR3L-1600MHz (8GB Max) / 1x mSATA & 1x SATA3 / 1x USB 3.0, 1x USB 3.0 Type C, 1x IR, 1x Combo Audio Jack / Rear - 2 x HDMI Ports, 1x DisplayPort, 2x USB 3.0, 1x LAN, 1 x Kensington Lock



ASRock® BeeBox Series BB-J3160

Intel® Celeron™ J3160 1.60GHz / 2.24GHz Quad Core Processor, Integrated Intel PCH, Intel HD Graphics 400 / 2x DDR3L-1600MHz (8GB Max) / 1x mSATA & 1x SATA3 / 1x USB 3.0, 1x USB 3.0 Type C, 1x IR, 1x Combo Audio Jack / Rear - 2 x HDMI Ports, 1x DisplayPort, 2x USB 3.0, 1x LAN, 1 x Kensington Lock



ASRock® BeeBox-S Series BB-I37100U

Intel® Core™ i3-7100U 2.40GHz Dual Core Processor, Integrated Intel PCH, Intel HD Graphics 620 / 2x DDR4-2133MHz (32GB Max) / 1x m.2 Port & 1x SATA3 / 1x USB 3.0, 1x USB 3.0 Type C, 1x IR, 1x Combo Audio Jack / Rear - 2 x HDMI Ports, 1x DisplayPort, 2x USB 3.0, 1x LAN, 1 x Kensington Lock



ASRock® BeeBox-S Series BB-I57200U

Intel® Core™ i5-7200U 2.50GHz / 3.10GHz Dual Core Processor, Integrated Intel PCH, Intel HD Graphics 620 / 2x DDR4-2133MHz (32GB Max) / 1x m.2 Port & 1x SATA3 / 1x USB 3.0 & 1x Type C, 1x IR, 1x Combo Audio, 2 x HDMI Ports, 1x DisplayPort, 2x USB 3.0, 1x LAN, 1 x Kensington Lock

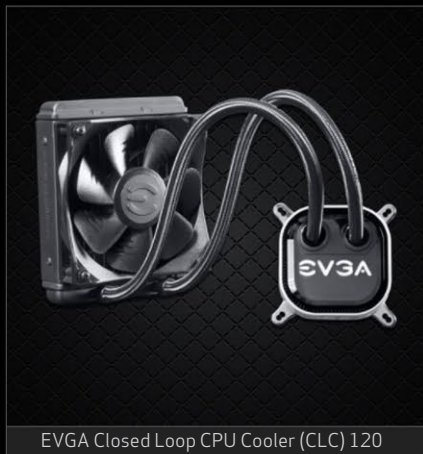
EVGA

AMD

intel

5
YEAR
WARRANTY

LIQUID COOLED PERFECTION



EVGA Closed Loop CPU Cooler (CLC) 120



EVGA Closed Loop CPU Cooler (CLC) 240



EVGA Closed Loop CPU Cooler (CLC) 280

**Supports AMD Threadripper*

EVGA CLOSED LOOP CPU COOLER (CLC) 120/240/280

LIQUID COOLED PERFORMANCE



Model:

CLC120

CLC240

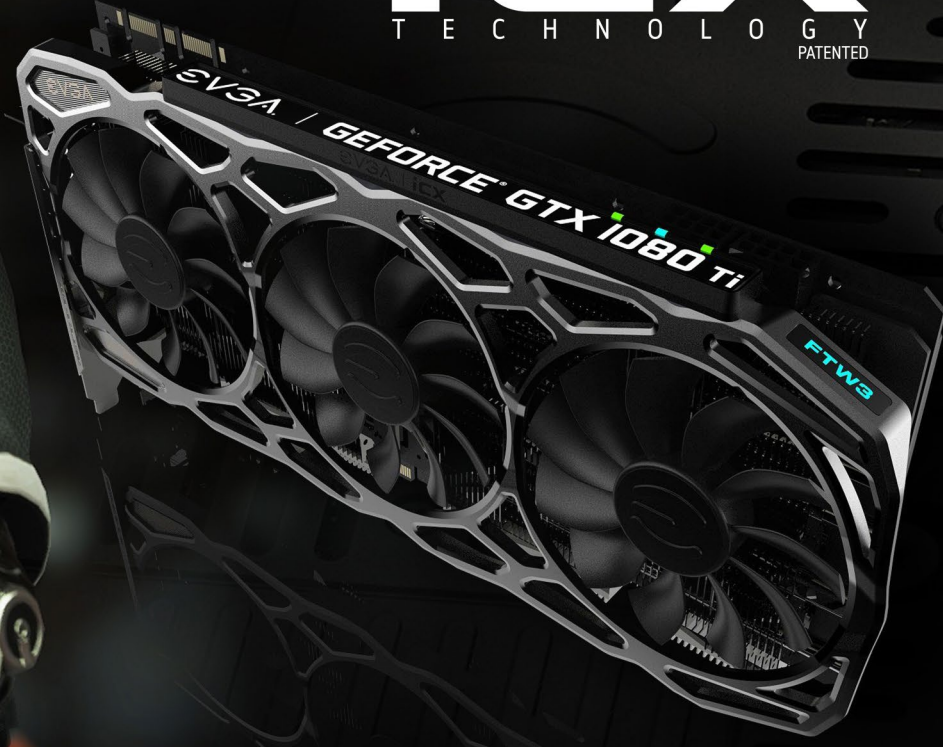
CLC280



EVGA



icxTM
TECHNOLOGY
PATENTED



GeForce GTX 1080 Ti

THE BATTLE IS COMING

SLI Bridge only supports graphics cards from 1070 upwards

EVGA iCX Is The BEST Dual Slot Air Cooler

EVGA iCX's efficient design means it can keep a Dual Slot size allowing more room for other expansion cards, improved chassis compatibility, and improved compatibility with SLI.



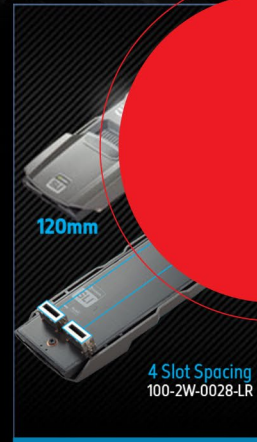
0 Slot Spacing
EVGA-SLI-HB-0S



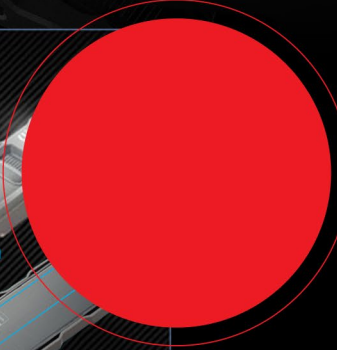
1 Slot Spacing
EVGA-SLI-HB-1S



2 Slot Spacing
EVGA-SLI-HB-2S



4 Slot Spacing
EVGA-SLI-HB-4S





NVIDIA GRAPHICS CARDS



EVGA® NVIDIA GeForce® GT 710



N710-1GB-2710

1GB DDR3 Bus / PCI-Express 2.0 / 1 x D-Sub, 1 x DVI-I, 1 x HDMI / 954MHz Clock Speed / 1800MHz Memory



EVGA® NVIDIA GeForce® GT 710



N710-2GB-2712

2GB DDR3 Bus / PCI-Express 2.0 / 1 x D-Sub, 1 x DVI-I, 1 x HDMI / 954MHz Clock Speed / 1800MHz Memory



EVGA® NVIDIA GeForce® GTX 750 Ti



N750TI-2GBFTW-3757

2GB GDDR5 128-Bit / PCI-E 3.0 DVI-I, HDMI, DisplayPort / 1189MHz (Base) & 1085MHz (Boost) / 5400MHz Memory



EVGA® NVIDIA GeForce® GT 1030 SC



N1030-2GB-6333

2GB GDDR5 64-Bit / PCI-Express x 16 3.0 / DVI-D, HDMI / 1290MHz (Base) & 1544MHz (Boost) / 6008MHz Memory



EVGA® NVIDIA GeForce® GTX 1050



N1050-2GB-6150

2GB GDDR5 128-Bit / DVI-D, DisplayPort, HDMI / 1354MHz (Base) & 1455MHz (Boost) / 7008MHz Memory



EVGA® NVIDIA GeForce® GTX 1050



N1050-2GBSC-6152

2GB GDDR5 128-Bit / PCI-Express 3.0 / DVI-D, DisplayPort, HDMI / 1417MHz (Base) & 1531MHz (Boost) / 7008MHz Memory



EVGA® NVIDIA GeForce® GTX 1050



N1050-2GBSSC-6154

2GB GDDR5 128-Bit / PCI-Express 3.0 / DVI-D, DisplayPort, HDMI / 1430MHz (Base) & 1544MHz (boost) / 7008MHz Memory



EVGA® NVIDIA GeForce® GTX 1050 Ti



N1050TI-4GB-6251

4GB GDDR5 128-Bit / PCI-Express 3.0 / DVI-D, DisplayPort, HDMI / 1290MHz (Base) & 1392MHz (Boost) / 7008MHz Memory



EVGA® NVIDIA GeForce® GTX 1050 Ti



N1050TI-4GBSC-6253

4GB GDDR5 128-Bit / PCI-Express 3.0 / DVI-D, DisplayPort, HDMI / 1354MHz (Base) & 1468MHz (Boost) / 7008MHz Memory



EVGA® NVIDIA GeForce® GTX 1060



N1060-3GB-6160

3GB GDDR5 192-Bit / PCI-Express 3.0 / 1 x DVI-D, 1 x HDMI, 3 x DisplayPort / 1506MHz (Base) & 1708MHz (Boost) / 8008MHz Memory

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE

NVIDIA GRAPHICS CARDS




EVGA® NVIDIA GeForce® GTX 1060

 **N1060-3GBSC-6162**

3GB GDDR5 192-Bit / PCI-Express 3.0 / 1 x DVI-D, 1 x HDMI, 3 x DisplayPort / 1607MHz (Base) & 1835MHz (Boost) / 8008MHz Memory



EVGA® NVIDIA GeForce® GTX 1060

 **N1060-6GB-6161**

6GB GDDR5 192-Bit / PCI-Express 3.0 / HDMI, DisplayPort, Dual-Link DVI / 1506MHz (Base) & 1708MHz (Boost) / 8008MHz Memory




EVGA® NVIDIA GeForce® GTX 1060

 **N1060-6GBSC-6163**

6GB GDDR5 192-Bit / PCI-Express 3.0 / HDMI, DisplayPort, Dual-Link DVI / 1607MHz (Base) & 1835MHz (Boost) / 8008MHz Memory




EVGA® NVIDIA GeForce® GTX 1070 SC2 GAMING

 **N1070-8GBSC2-6573**

8GB GDDR5 256-Bit / PCI-Express 3.0 / 1 x DVI-I Dual-Link, 3 x DisplayPort, 1 x HDMI / 1594MHz (Base) & 1784MHz (Boost) / 8008MHz Memory



EVGA® NVIDIA GeForce® GTX 1070 FTW2 GAMING

 **N1070-8GBFTW2-6676**

8GB GDDR5 256-Bit / PCI-Express 3.0 / HDMI, DisplayPort, Dual-Link DVI / 1607MHz (Base) & 1797MHz (Boost) / 8008MHz Memory



EVGA® NVIDIA GeForce® GTX 1070 Ti SC GAMING

 **N1070TI-8GBSC-5671**

8GB GDDR5 256-Bit / PCI-E 3.0 / 1 x DVI-D, 3 x DisplayPort, 1 x HDMI / 1607MHz (Base) & 1683+ MHz (Boost) / 8008MHz Memory



EVGA® NVIDIA GeForce® GTX 1080 SC2 GAMING

 **N1080-8GBSC2-6583**

8GB GDDR5 256-Bit / PCI-Express 3.0 / 1 x DVI-D, 3 x DisplayPort, 1 x HDMI / 1708MHz (Base) & 1847MHz (Boost) / 11 016MHz Memory



EVGA® NVIDIA GeForce® GTX 1080 FTW2 GAMING

 **N1080-8GBFTW2-6686**

8GB GDDR5 256-Bit / PCI-Express 3.0 / 1 x DVI-D, 3 x DisplayPort, 1 x HDMI / 1721MHz (Base) & 1860MHz (Boost) / 11 016MHz Memory



EVGA® NVIDIA GeForce® 1080 Ti FTW3 Gaming

 **N1080TI-11GBFTW3-6696**

11GB GDDR5 352-Bit / PCI-Express 3.0 / 1 x DVI-D, 3 x DisplayPort, 1 x HDMI / 1569MHz (Base) & 1683MHz (Boost) / 11 016MHz Memory

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE

EVGA



Reduce ambient noise and energy costs.



10 YEAR

WARRANTY



1600 T2

EVGA-T2-1600W

1200 P2

EVGA-P2-1200W



EVGA

**EVGA 500
W1 Power Supply**
EVGA-W1-500W



**EVGA SUPERNOVA
750B1 Power Supply**
EVGA-B1-750W

**EVGA SUPERNOVA
850B1 Power Supply**
EVGA-B1-850W

**EVGA 650GQ
Power Supply**
EVGA-GQ-650W

**EVGA 750GQ
Power Supply**
EVGA-GQ-750W

**EVGA 850GQ
Power Supply**
EVGA-GQ-850W



**EVGA SUPERNOVA
650G2 Power Supply**
EVGA-G2-650W

**EVGA SUPERNOVA
750G2 Power Supply**
EVGA-G2-750W

**EVGA SUPERNOVA
850G2 Power Supply**
EVGA-G2-850W

**EVGA SUPERNOVA
1000G2 Power Supply**
EVGA-G2-1000W

**EVGA SUPERNOVA
1300G2 Power Supply**
EVGA-G2-1300W

**EVGA SUPERNOVA
1600G2 Power Supply**
EVGA-G2-1600W



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Choose Radeon™ RX Vega graphics &
Radeon™ FreeSync Technology.

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GPU and get 2 games free*.
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SAPPHIRE Radeon™ RX Vega56 8G HBM2

56 Stream Processors / 1156 MHz Engine Clock
1471 MHz Boost Engine Clock / 8 GB Size
800 MHz, 1600 MHz Effective / 1 x HDMI 2.0b
3 x DisplayPort 1.4



SAPPHIRE Radeon™ RX Vega64 8G HBM2

4096 Stream Processors / 1677 MHz Boost
Engine Clock / 8 GB Size 945 MHz, Effective /
1 x HDMI 2.0b, 3 x DisplayPort 1.4



SAPPHIRE Radeon™ RX Vega64 8G HBM2 Limited Edition

4096 Stream Processors / 1546 MHz Boost
Engine Clock / 8 GB Size 945 MHz, Effective /
1 x HDMI 2.0b, 3 x DisplayPort 1.4



SAPPHIRE Radeon™ RX Vega64 8G HBM2 Liquid Cooling

4096 Stream Processors / 1546 MHz Boost
Engine Clock / 8 GB Size 945 MHz, Effective /
1 x HDMI 2.0b, 3 x DisplayPort 1.4



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DESIGNED FOR GAMERS. FUTURE READY PIXELS.

FREE
CHAMPIONS
PACK!



RADEON RX 500 SERIES GRAPHICS

THE HARDWARE OF CHAMPIONS

GEAR UP WITH A RADEON™ RX 580, RX 570, OR RX 560 GPU AND
GET A FREE "CHAMPIONS PACK" FOR QUAKE CHAMPIONS!*

Get early access to QUAKE CHAMPIONS and receive the "Champions Pack" FREE with access to ALL of the game's Champions, including an additional skin for Ranger, yours to keep.

SAPPHIRE
pulse



RADEON RX 550

DIRECTX®12 | VULKAN® |
CHILL FREESYNC™2 | RELIVE CAPTURE

DirectX®12



THE HEART. THE BEAT. THE GAME

With great 1080p performance, the SAPPHIRE PULSE Radeon RX 550 is the beating heart of a gamer's PC. The factory-overclocked GPU will pump frames efficiently, delivering smooth and stutter-free online gaming.



energy-efficient



next-gen APIs



HDR

PULSE RADEON RX550 2GD5

512MB Stream Processors / 128 bit GDDR5 / 1750MHz,
7000MHz effective 2GB / 1x DVI-D, 1x HDMI, 1x DisplayPort 1.4

CODE /// RX550-2GB-PULSE

PULSE RADEON RX550 4GD5

512MB Stream Processors / 128 bit GDDR5 / 1750MHz,
7000MHz effective 4GB / 1x DVI-D, 1x HDMI, 1x DisplayPort 1.4

CODE /// RX550-4GB-PULSE



SAPPHIRE
pulse

RADEON

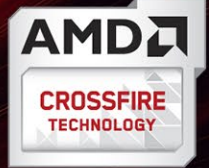
RX560

DIRECTX®12 | HDR READY |
PRECISION FAN CONTROL

THE HEART. THE BEAT.
THE GAME

no stuttering. no tearing. just gaming

AMD FreeSync™ technology allows a compatible graphics card and monitor to dynamically change frame rates for the optimum display quality without tearing or stuyay.



PULSE RADEON RX560 2GD5

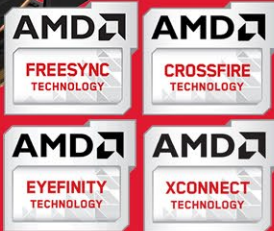
1024 Stream Processors | 128 bit GDDR5 | 1750MHz,
7000MHz effective 2GB | 1x DVI-D, 1xHDMI,
1x DisplayPort 1.4

CODE /// RX560-2GB-PULSE

PULSE RADEON RX560 4GD5 OC

1024 Stream Processors | 128 bit GDDR5 | 1300MHz,
7000MHz effective 4GB | 1x DVI-D, 1xHDMI,
1x DisplayPort 1.4

CODE /// RX560-4GB-PULSE-OC



SAPPHIRE
pulse

SAPPHIRE PULSE ITX
Radeon™ RX 570 4GD5

2048 Stream Processors | 4th Graphics Core Next (GCN) |
1244 MHz Boost Engine Clock | 4GB GDDR5 256 bit
Memory Bus | 1750 MHz, 7000 MHz effective |
1 x DVI-D, 1 x HDMI, 1 x DisplayPort 1.4

CODE /// RX570-4GB-PULSE

SAPPHIRE NITRO+
RADEON
RX 570



SAPPHIRE RX570 4GB Nitro +

2048 Stream Processors | Up to 1325 MHz Engine Boost Clock |
4096 MB 256 Bit | 1x DL-DVI-D, 2x HDMI 2.0b,
2x DisplayPort 1.4 | **AMD CrossFire (bridgeless)** | Vulkan™ 1.0

CODE /// RX570-4GB-NITRO+

SAPPHIRE RX570 8GB Nitro +

2048 Stream Processors | Up to 1325 MHz Engine Boost Clock |
8192 MB 256 Bit | 1x DL-DVI-D, 2x HDMI 2.0b,
2x DisplayPort 1.4 | **AMD CrossFire (bridgeless)** | Vulkan™ 1.0

CODE /// RX570-8GB-NITRO+

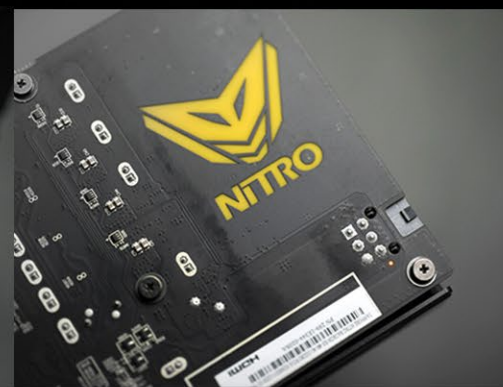
SAPPHIRE NITRO+
R A D E O N
R X 5 8 0

SAPPHIRE RX580 4GB Nitro +

2304 Stream Processors | Up to 1411 MHz Engine Boost Clock /
4096 MB 256 Bit | 1x DL-DVI-D, 2x HDMI 2.0b,
2x DisplayPort 1.4 | AMD CrossFire (bridgeless) | Vulkan™ 1.0

SAPPHIRE RX580 8GB Nitro +

2304 Stream Processors | Up to 1411 MHz Engine Boost Clock /
8192 MB 256 Bit | 1x DL-DVI-D, 2x HDMI 2.0b,
2x DisplayPort 1.4 | AMD CrossFire (bridgeless) | Vulkan™ 1.0



NVIDIA® NVS™ THE BUSINESS GRAPHICS SOLUTION TO DRIVE ALL YOUR DISPLAYS

SUPERIOR COMPATIBILITY, PRODUCTIVITY,
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NVIDIA® NVS™ graphics boards deliver everything you need to drive any kind of multi-display installation for your business. Whether you need multiple displays on the desktop or are looking to deploy a spectacular wall display for digital signage, NVS products have the features and capabilities to meet all your needs.



NVS315 **LK-NVS315**

1024MB GDDR3 64 Bit, 48 CUDA Cores.
PCI Express x16



NVS510 **LK-NVS510**

2GB GDDR3 128 Bit, 192 CUDA Cores



NVS810 **LK-NVS810**

4GB GDDR3 128 Bit, 1024 CUDA Cores,
PCI Express 3.0 x16



**LEADTEK NVIDIA QUADRO
PASCAL SERIES**



Leadtek Quadro P400

2GB GDDR5 64 Bit / 256 CUDA
Cores / PCI Express 3.0 x16

//LK-P400



Leadtek Quadro P600

2GB GDDR5 128 Bit / 384 CUDA
Cores / PCI Express 3.0 x16

//LK-P600



Leadtek Quadro P1000

4GB GDDR5 128 Bit / 640 CUDA
Cores / PCI Express 3.0 x16

//LK-P1000



Leadtek Quadro P2000

5GB GDDR5 160 Bit / 1024 CUDA
Cores / PCI Express 3.0 x16

//LK-P2000



Leadtek Quadro P4000

8GB GDDR5 256 Bit / 1792 CUDA
Cores / PCI Express 3.0 x16

//LK-P4000



Leadtek Quadro P5000

16GB GDDR5 256 Bit / 2560 CUDA
Cores / PCI Express 3.0 x16

//LK-P5000



Leadtek Quadro P6000

24GB GDDR5 384 Bit / 3840 CUDA
Cores / PCI Express 3.0 x16

//LK-P6000



Leadtek Quadro GP100

16GB HBM2 4096 Bit / 3584 CUDA
Cores / PCI Express 3.0 x16

//LK-GP100

LIQUID COOLING SYSTEM

Triton Series - All-in-One



SPECIFICATION	
Product Name	THEMIS Black
Product Number	08100010
Dimension (WxDxH)	122x50x158 mm
Weight	448 g (Heat Sink Only)
Thermal Resistance	0.12 °C/W
Base Material	CPU Direct Contact [C.D.C.]
Heat Sink	Aluminum Alloy
Fin Material	Solderless fins assembly
SPEC	Ø8mm
Heat pipe	Q / ty
Dimension (WxHxD)	120x120x25 mm
Voltage Rating	12V
Starting Voltage	7 V
Speed	1000-1500 R.P.M.
Bearing Type	Sleeve Bearing
Air Flow	43.8-65.68 CFM
Air Pressure	1.0-2.24 mmH ₂ O
Life Expectance	40,000 hrs
Noise Level	24.53 dBA [Max.]
Connector	4 pin with PWM
APPLICATION	
Intel®	All Sockets LGA 775/1150/1155/1156/1366/2011 CPU (Core™ B1 / G / I / X CPU)
AMD®	All FM2+/FM2/FM1/AM3+/AM3/AM2+/AM2 CPU



RHEA
RJ-RHEA-BK

Intel: Socket LGA115x



AIDOS
RJ-AIDOS-BK

Intel: All Socket LGA775/115x/
1366/201x CPU (Core™ i3 / i5 / i7 CPU)
AMD: All AM2/AM3 CPU

*AM4 Support Coming Soon



THEMIS
RJ-THEMIS-BK

Intel: All Socket LGA775/115/
1366/201x (Core™ i3 / i5 / i7 CPU)
AMD: All FM2+/FM2/FM1/AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



THEMIS REVO
RJ-THEMISEVO-BK

122x82x165 mm Intel: All Socket LGA
775/115x/1366/201x CPU (Core™ i3 / i5 / i7 CPU)
AMD: All FM2+/FM2/FM1/AM3+/AM3/AM2+/
AM2 CPU
*AM4 Support Coming Soon



EREBOSS
RJ-EREBOSS-BK

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/
FM1/AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



TISIS
RJ-TISIS-BK

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/FM1/
AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



TRITON140
RJ-TRITON140

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/
FM1/AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



TRITON240
RJ-TRITON240

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/FM1/
AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



TRITON280 CORE
RJ-TRITON280CORE

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/
FM1/AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon



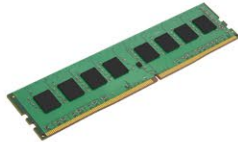
TRITON280
RJ-TRITON280

Intel: All Socket LGA 775/115x/1366/201x CPU
(Core™ i3 / i5 / i7 CPU) AMD: All FM2+/FM2/
FM1/AM3+/AM3/AM2+/AM2 CPU
*AM4 Support Coming Soon

Reliable Memory for Your Desktop and Notebook



Desktop



- KVR16N1158/4
- KVR16N11/8
- KVR21N1558/4
- KVR21N1558/8
- KVR21N15D8/16

- 4GB DDR3 1600MHz
- 8GB DDR3 1600MHz
- 4GB DDR4 2133MHz
- 8GB DDR4 2133MHz
- 16GB DDR4 2133MHz



Fury Gaming RAM



- HX428C145B2/4
- HX428C145B2/8
- HX430C155B2/4
- HX430C155B2/8

- 4GB DDR4 2800MHz
- 8GB DDR4 2800MHz
- 4GB DDR4 3000MHz
- 8GB DDR4 3000MHz



Notebook



- KVR16LS1156/2
- KVR16LS11/4
- KVR16LS11/8
- KVR21S1558/4
- KVR21S1558/8

- 2GB DDR3 1600MHz
- 4GB DDR3 1600MHz
- 8GB DDR3 1600MHz
- 4GB DDR4 2133MHz
- 8GB DDR4 2133MHz



Savage Gaming RAM



- HX421C14FB/4
- HX421C14FB2/8
- HX421C14FB/16

- 4GB DDR4 2133MHz
- 8GB DDR4 2133MHz
- 16GB DDR4 2133MHz




Blu-ray Disc



HLDS® 24x DVD-RW
GH24NSD1



HLDS® 24x DVD-RW
GH24NSD0-RETAIL



**HLDS® Slot Loading
8x DVD-RW**
GP50NB41



**HLDS® All-In-One
6x Blu-Ray Writer**
BH16NS40



**HLDS® All-In-One
6x Blu-Ray Writer**
BP50NB40



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Subtle, yet remarkable.



CHASSIS



COMRADE

Available in Black or White



NOVA

Available in Black or White



NOVA

Built-in 600W Bundle



**NEOS
Window**

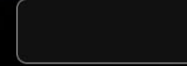
Available in 10 Variety of Colours



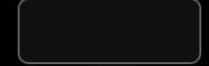
SHADOW
SLEEK. SAVVY. SINISTER.



RONIN



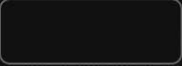
**PRODIGY M
COLOR**



Available in 6 Variety of Colours



**RAIDER
WINDOW**



AURORA

Available in Black or White

BitFenix LED Strip and 3 fans included



REGIS

Available in 5 Variety of Colours



**PANDORA
CORE**



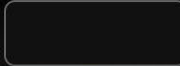
**PANDORA
ATX**



SHOGUN



Colossus

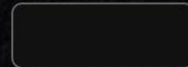


Available in Venom, Black or White

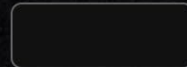


POWER SUPPLIES

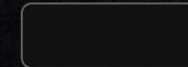
BitFenix 400W



BitFenix 500W



BitFenix 600W



SAMA

While gaming, be in-game!



G10

G20

G30



ALSO AVAILABLE:

A35

Full ATX Chassis
Includes 350W Power Supply

M35

Micro ATX Chassis
Includes 350W Power Supply

PERIPHERALS





ROGUEWARE



ROGUE ON. UNINHIBITED.

ROGUE ON. UNINHIBITED.



200KG
max weight

XL-6615 ...

200KG
max weight

XL-1315 ...



150KG
max weight

XL-3281 ...



150KG
max weight

XL-0019 ...



GX GAMING SERIES BY GENIUS

Mice

Genius® GX Ammox X1-400
GX-X400

Genius® GX Maurus
GX-MAURUS

Genius® GX Scorpion M6-400
GX-M6-400

Genius® GX Scorpion M6-600
GX-M6-600

Mouse Pads

Genius® GX Control Speed P100
GX-SPEED-P100

Genius® GX Control P100
GX-CONTROL-P100



Keyboards

Keyboards

Genius® GX Scorpion K5
GX-K5

Genius® GX Scorpion K9
GX-K9

Genius® GX Scorpion K10
GX-K10

Genius® GX Scorpion K20
GX-K20



Headsets & Speakers

Speakers

Genius® G2.1 1250
GX-SW-G2.1-1250

Genius® G2.1 2000
GX-SW-G2.1-2000

Genius® G2.1 3000
GX-SW-G2.1-3000

Genius® G5.1 3500
GX-SW-G5.1-3500

Headsets

Genius® GX G560
GX-HS-G560

Genius® GX G580
GX-HS-G580



Wooden subwoofer speaker system

SW-G2.1 500



Mice

Genius® DX120
GEN-DX120

Genius® NX7005 Wireless
GEN-NX7005B (Black or White)

Genius® NX7015 Wireless
GEN-NX7015G

Genius® X-GX200
GEN-GX200



Super Value Pack

KMS-U130
GEN-KMSU130



Keyboard & Mouse Bundle

Genius® KB125
GEN-KM125

Genius® Slim Star C130 USB
GEN-SSC130

Genius® Slim Star 80008 Wireless
GEN-SS8008

Keyboards

Genius® KB110X USB
GEN-KB110XU

Genius® KB110X PS/2
GEN-KB110X/PS2



Headsets & In Ear

Genius® HS200C
GEN-HS200C

Genius® HM300N
GEN-HS300N

Genius® HM270 In Ear
GEN-HSM270-B (Black or White)

Genius® HS210U
GEN-HS210U

Genius® HS400A
GEN-HS400A

Speakers

Genius® S115
GEN-SPU115K (Black, blue, red and white)

Genius® SW2.1-375
GEN-SW2.1-375

Genius® SW5.1 1020
GEN-SW1020-5.1



Web Cameras

Genius® Facecam FC320
GEN-FC320

Genius® Facecam FC1000X
GEN-FC1000X



R 165

25" | LG-25UM58

21:9 HD Format, 2560x1080 | 2x HDMI

29" | LG-29UM68-P

21:9 HD Format, 2560x1080 | DisplayPort, DVI-D, 2x HDMI

34" | LG-34UM68

21:9 HD Format, 2560x1080 | DisplayPort, HDMI



17" | LG-17MB15T

5:4 1280x1024 | D-Sub, USB

19" | LG-19MB15T

5:4 1280x1024 | D-Sub, USB



18.5" | LG-19M38A

16:9 HD Format, 1366x768 | D-SUB, *VESA Mount

19.5" | LG-20M38A

16:9 HD Format, 1600x900 | D-SUB, *VESA Mount

21.5" | LG-22MP48

16:9 HD Format, 1920x1080 | D-SUB, DVI-D, HDMI

23.6" | LG-24M38

16:9 HD Format, 1920x1080 | HDMI 2.0, D-Sub, *VESA Mount

27" | LG-27MP38

16:9 HD Format, 1920x1080 | HDMI, 15 pin. D-SUB. *VESA Mount



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Synology

QNAP®



SanDisk

ACCESS ANYWHERE

Synology

SHARE WITH FAMILY



ROUTERS

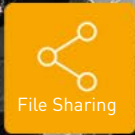


NAS



SURVEILLANCE

Synology



File Sharing



Backup



Mobile apps



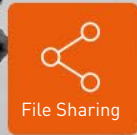
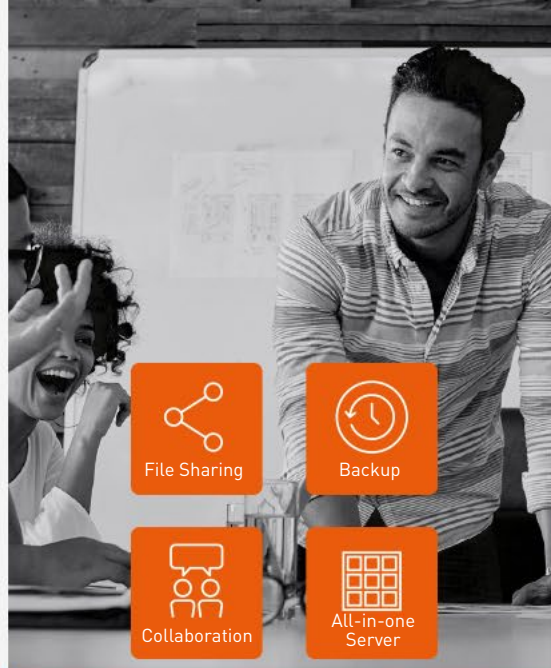
Multimedia

J Series



Personal/Home

DS115J / DS216J / DS416J



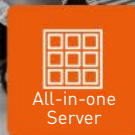
File Sharing



Backup



Collaboration



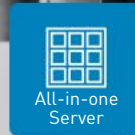
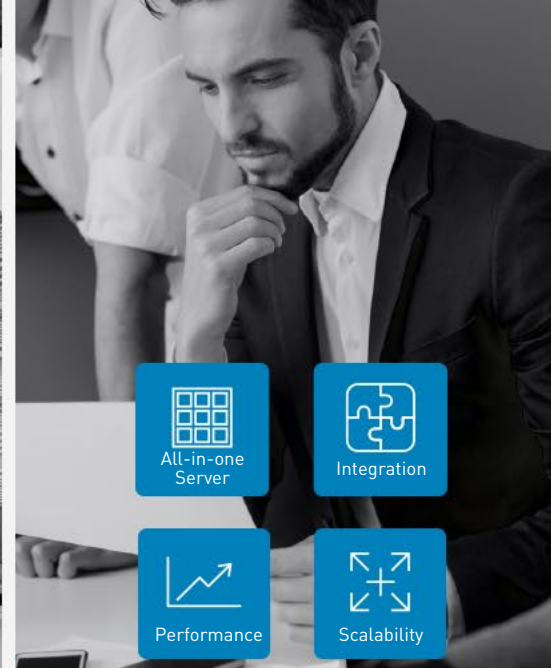
All-in-one Server

Value Series



Home/Workgroup

DS: DS116 / DS216PLAY / DS416PLAY
RS: RS217 / RS816



All-in-one Server



Integration



Performance



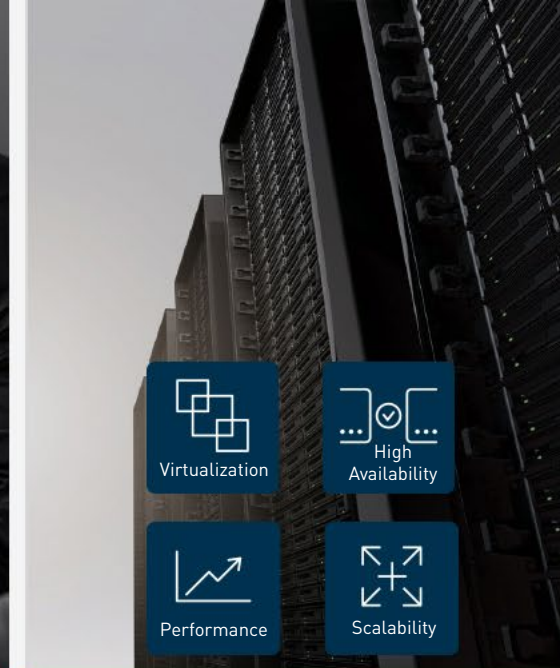
Scalability

Plus Series



Workgroup/Small & Medium Business

DS: DS716+II / DS916+ / DS1517+ / DS1817+
RS: RS815+ / RS815RP+ / RS2416+ / RS2416RP+



Virtualization



High Availability



Performance



Scalability

XS/XS+ Series



Large Scale Business

RS: RS3617XS / RS3617RPXS / RS3617XS+ /
RS4017XS+ / FS3017

| DiskStation



 <p>1 BAY</p>	 <p>2 BAY</p>	 <p>2 BAY</p>	 <p>2 BAY</p>	 <p>2 BAY</p>
<p>Synology® DiskStation DS115J</p>	<p>Synology® DiskStation DS218J</p>	<p>Synology® DiskStation DS218PLAY</p>	<p>Synology® DiskStation DS218+</p>	<p>Synology® DiskStation DS718+</p>
<p>SYN-DS115J</p>	<p>SYN-DS218J</p>	<p>SYN-DS218PLAY</p>	<p>SYN-DS218+</p>	<p>SYN-DS718+</p>
<p>800 MHz CPU, 256 MB DDR3</p>	<p>Dual Core 1.3 GHz CPU, 512 MB DDR3</p>	<p>Quad Core 1.4 GHz CPU, 1 GB DDR4</p>	<p>Dual Core 2.0 burst up to 2.5 GHz, 2 GB DDR3L</p>	<p>Quad Core 1.5 burst up to 2.3 GHz, 2 GB DDR3L</p>
 <p>4 BAY</p>	 <p>4 BAY</p>	 <p>4 BAY</p>	 <p>5 BAY</p>	 <p>8 BAY</p>
<p>Synology® DiskStation DS418J</p>	<p>Synology® DiskStation DS418PLAY</p>	<p>Synology® DiskStation DS918+</p>	<p>Synology® DiskStation DS1517+</p>	<p>Synology® DiskStation DS1817+</p>
<p>SYN-DS418J</p>	<p>SYN-DS418PLAY</p>	<p>SYN-DS918+</p>	<p>SYN-DS1517+2GB</p>	<p>SYN-DS1817+2GB</p>
<p>Dual Core 1.4GHz CPU, 1GB DDR4</p>	<p>2.4GHz Dual Core CPU, 1GB DDR3</p>	<p>Quad Core 1.5 burst up to 2.3 GHz, 4 GB DDR3L</p>	<p>2.4GHz Quad Core CPU, 2GB DDR3</p>	<p>2.4GHz Quad Core CPU, 2GB DDR3</p>

RackStation



2 BAY



**Synology® RackStation
RS217**

SYN-RS217

Dual Core 1.33 GHz CPU,
512 MB DDR3

4 BAY



**Synology® RackStation
RS816**

SYN-RS816

Dual Core 1.8 GHz CPU,
1GB DDR3

4 BAY



**Synology® RackStation
RS815+**

SYN-RS815+

2.4GHz Quad Core CPU,
2GB DDR3

4 BAY



**Synology® RackStation
RS815RP+**

SYN-RS815RP+

Quad Core 2.4 GHz CPU,
2GB DDR3

12 BAY



**Synology® RackStation
RS2416+/RS2416RP+**

SYN-RS2416+

Quad core 2.4 GHz CPU,
2GB DDR3

12 BAY



**Synology® RackStation
RS2416RP+**

SYN-RS2416RP+

Quad core 2.4 GHz CPU,
2GB DDR3

12 BAY



**Synology® RackStation
RS3617XS**

SYN-RS3617XS

Intel Xeon E3-1230v2 Quad Core
3.3GHz CPU, 4GB DDR3 ECC RAM

12 BAY



**Synology® RackStation
RS3617RPXS**

SYN-RS3617RPXS

Intel Xeon D-1521, Quad Core 2.4
(base) / 2.7 (turbo) GHz, 8 GB DDR4
ECC UDIMM

12 BAY



**Synology® RackStation
RS3617XS+**

SYN-RS3617XS+

Intel Xeon E3-1230 v2 Quad Core
3.3 GHz, 4 GB DDR3 ECC
(32GB Max)

16 BAY



**Synology® RackStation
RS18017XS+**

SYN-RS18017XS+

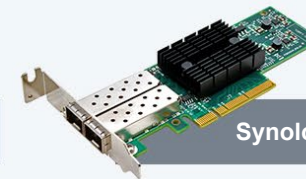
Intel Xeon D-1531, 6-Core 2.2
(base) / 2.7 (turbo) GHz, 16 GB
DDR4 ECC RDIMM

Synology®

High Speed, Dual Port 10 GbE SFP+
for Synology NAS Servers



Synology® Ethernet Adapter E10G15-F1



Synology® Ethernet Adapter E10G17-F2

EXPANSION UNITS

| RackStation



4 BAY

Synology® RX415

SYN-RX415

RS815(RP)+, RS814(RP)+,
RS812(RP)+, RS816, RS815,
RS814, RS812

5 BAY

Synology® DX517

SYN-DX517

DS1817+, DS1517+, DS918+,
DS718+, DS1817, DS1517,
NVR1218

12 BAY

Synology® DX513

DX513

DS3617xs, DS3615xs, DS3612xs,
DS3611xs, DS3018xs, DS2015xs,
DS2415+, DS2413+, DS2411+

12 BAY

Synology® RX1217RP

SYN-RX1217RP

RS4017xs+, RS3617xs+, RS3614xs+,
RS3413xs+, RS3617xs, RS3617RPxs,
RS3614(RP)xs, RS3412(RP)xs, RS3411(RP)
xs, RS2416(RP)+, RS2414(RP)+,
RS2212(RP)+, RS2211(RP)+

24 BAY

Synology® RX2417SAS

SYN-RX2417SAS

Applied Models: FS3017*, FS2017,
RS18017xs+. Compatible Drives: 2.5"
SAS HDD, 2.5" SAS SSD, 2.5" SATA SSD

ENTERPRISE

| Enterprise



24 BAY

Synology® FS2017

SYN-FS2017

8-Core 2.1 (base) / 2.7 (turbo) GHz,
16 GB DDR4 ECC RDIMM

24 BAY

Synology® FS3017

SYN-FS3017

Compatible with: 17 Series, 16
Series, 15 Series, 14 Series, 13
Series, 12 Series, 11 Series,
10 Series, 9 Series

ACCESSORIES



Synology® Rail Mount Kit 1U/2U Rackmount NAS

SYN-RKM114



Synology® Rail Mount Kit 2U

SYN-RKS1317

Compatible with: 17 Series, 16
Series, 15 Series, 14 Series, 13
Series, 12 Series, 11 Series, 10
Series, 9 Series

VPN ROUTER Solution



Synology Router
RT1900ac

Dual core 1.0 GHz | **256 MB DDR3 Memory** | 3x3 MIMO
Omni-directional high-gain dipole (2.4GHz / 5GHz) |
Gigabit (RJ-45) x 4 LAN | Gigabit (RJ-45) x 1 WAN



Synology Router
RT2600ac

Dual core 1.7 GHz | **512 MB DDR3 Memory** | 4x4 MIMO
Omni-directional high-gain dipole (2.4GHz / 5GHz) |
Gigabit (RJ-45) x 4, Gigabit (RJ-45) x 3 (Dual WAN) LAN |
Gigabit (RJ-45) x 1, Gigabit (RJ-45) x 2 (Dual WAN) WAN |
USB 3.0 x 1, USB 2.0 x 1 SD card reader x 1 (SDXC, SDHC)



Remote Work Made Easy with VPN Plus

VPN Plus transforms your Synology Router into a powerful VPN server and promises easy setup, secure access, and smooth connection. For your company's remote workforce, you can effortlessly set up a virtual office that adapts to their flexible schedules and work styles.

Remote Work Made Easy with VPN Plus

Intuitive, Clientless WebVPN

WebVPN allows you to access web applications simply with a browser, without any extra client application or setup.

Monitor & Management

VPN Plus comes with powerful tools to help you monitor and manage connections in real time.

Site-to-Site VPN

Site-to-Site VPN allows them to share resources across different networks through establishing secure connections over the internet.

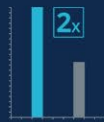
Fast, Hassle-free Synology SSL VPN



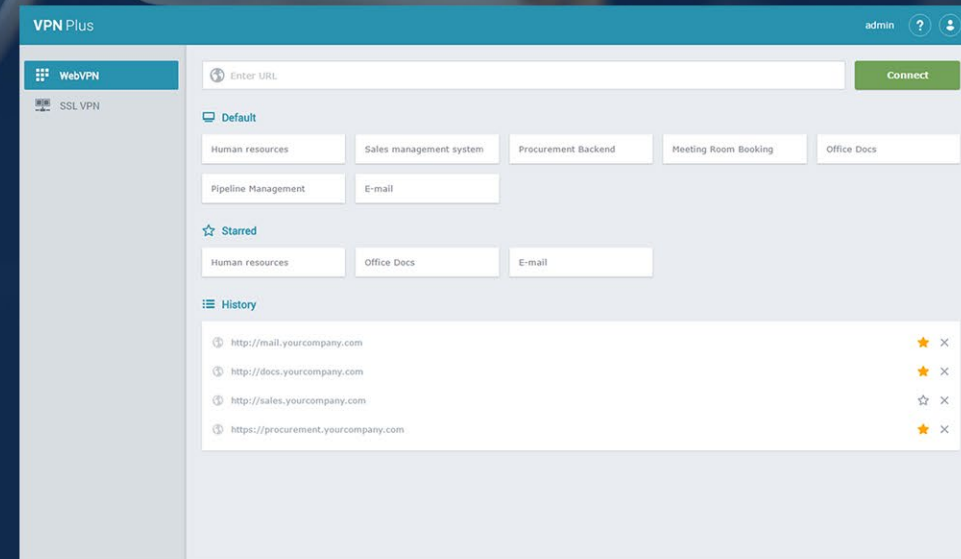
Easy Setup



Security



Performance



Client VPN Access License

Synology Client VPN Access License allows you to add concurrent user accounts that can access the Synology SSL VPN, WebVPN, and SSTP features in the VPN Plus. By default, one free license has been installed on each VPN Plus supported Synology product. Extra licenses can be purchased for additional concurrent user accounts according to your needs.



QNAP®



Apps



Home



SOHO / WorkGroup



Business Middle-End



Business High-End



Enterprise

exFAT

Max. File Size: **16EB**
Optimized for 4K video transfer

exFAT Ready NAS

Next Generation File System

Photographers, videographers, and other creators often run into the limits of conventional FAT32-based storage. With the potential of 4K video files to exceed hundreds of gigabytes, FAT32's 4GB single file limit makes it ill-suited for high-resolution media files. With exFAT supporting files up to 16EB, you don't need to break files into multiple smaller ones, eliminating the risk of file loss and minimizing waiting times when transferring larger files from the USB drives/SD cards to NAS.



**+ FREE
REMOTE**



TS-251A-2G

**+ FREE
REMOTE**



TS-451A-2G





**QNAP® TS-231P TurboNAS
TS-231P**

Freescale™ ARM®v7 Cortex®-A9 dual-core 1.2GHz processor, 1GB DDR3



**QNAP® TS-431P TurboNAS
TS-431P**

AnnapurnaLabs, AL-212, 2-core, 1.7GHz, 1GB DDR3



**QNAP® TS-431X
TS-431X-2G**

AnnapurnaLabs, AL-212 Dual-core 1.7GHz ARM® Cortex-A15 Processor, 2GB DDR3



**QNAP® TS-431XU-RP
TS-431XU-RP-2G**

AnnapurnaLabs, AL-314 Quad-Core 1.7GHz ARM® Cortex-A15 CPU, 2GB DDR3



**QNAP® TS-531X
TS-531X-2G**

AnnapurnaLabs, AL-314 Quad-core 1.4GHz ARM® Cortex-A15 Processor, 2GB DDR3

SOHO and Home

Business Middle-End



**QNAP® TS-831X
TS-831X-4G**

AnnapurnaLabs, AL-314 Quad-core 1.7GHz Cortex-A15 processor 4GB DDR3



**QNAP® TS-831XU-RP-4G
TS-831XU-RP-4G**

Freescale™ ARM®v7 Cortex®-A9 dual-core 1.2GHz processor, 1GB DDR3



**QNAP® TS-1231XU-RP
TS-1231XU-RP-4G**

AnnapurnaLabs, AL-314 Quad-Core 1.7GHz ARM® Cortex-A15 CPU, 4GB DDR3



**QNAP® TS-853BU-RP
TS-853BU-RP-4G**

Intel Apollo Lake J3455 4-core 1.5GHz, 4 GB DDR3L 2 x 2GB



**QNAP® TS-1253BU-RP
TS-1253BU-RP-4G**

Intel Celeron J3455 4-Core 1.5GHz (burst up to 2.3GHz, 4GBeMMC)

Business Middle-End



QNAP®

QNAP Thunderbolt 3 NAS helps you save time yet accomplish more

 THUNDERBOLT™



QNAP® TVS-882ST3
TVS-882ST3-i7-8G

Intel® Core™ i5-6500 3.2 GHz quad-core processor, 16 GB DDR4 RAM, 2 x M.2 2242/2260/2280/22110 SATA 6Gb/s SSD, 2 x Thunderbolt™ 2 high-speed port, SATA 6Gbps/3Gbps; Hot-swappable, 2 x 10GBase-T port 4 x GbE port

8 BAY



QNAP® TVS-1282T3
TVS-1282T3-i7-32G

TVS-1282T3-i7-32G: Intel® Core™ i7-7700 3.6 GHz quad-core processor, 32 GB DDR4 RAM, 2 x M.2 2242/2260/2280/22110 SATA 6Gb/s SSD, SATA 6Gbps/3Gbps; Hot-swappable, 4 x Thunderbolt™ 3 high-speed port, 1 x USB 3.0 port (Front) 4 x USB 3.0 port (Rear), 2 x 10GBase-T port, 4 x GbE port

12 BAY



QNAP® TVS-1582TU
TVS-1582TU-i5-16G

Intel® Core™ i5-7500 3.4 GHz quad-core processor, 16 GB DDR4 RAM, 512MB DOM, SATA 6Gbps/3Gbps; Hot-swappable, 4 x Thunderbolt 3 port, 4 x USB 2.0 port (Rear) 4 x USB 3.0 port (Rear), 2 x SFP+ 10GbE port 4 x GbE port, 1 (HDMI 1.4b x1)

15 BAY

TS-ECx80U R2 Series 8/12/16-Bay Turbo NAS

Built-in Dual-Port
10GbE SFP+
Network Adapter



8 BAY



QNAP® TS-EC880U R2
TS-EC880U-E3-4GE-R2

Intel® Xeon® E3-1246 v3 Quad-core processor,
4 GB DDR3 ECC RAM

12 BAY



QNAP® TS-EC1280U R2
TS-EC1280U-E3-4GE-R2

Intel® Xeon® E3-1246 v3 Quad-core processor,
4 GB DDR3 ECC RAM

16 BAY



TS-EC1680U R2
TS-EC1680U-E3-4GE-R2

Intel® Xeon® E3-1246 v3 Quad-core processor,
4 GB DDR3 ECC RAM



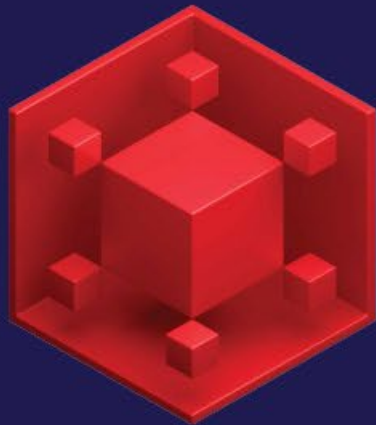
DRIVE FORWARD



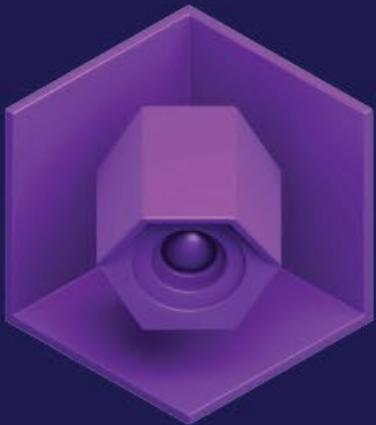
WD BLUE™
DRIVE TO BUILD



WD BLACK™
DRIVE TO PERFORM



WD RED™
DRIVE TO CONNECT



WD PURPLE™
DRIVE TO CAPTURE



WD GOLD™
DRIVE TO ENDURE



GET AHEAD OF THE GAME

WHEN I BEGAN, THEIR TIME WAS UP.

The choice is yours. The loss is theirs. Build your rig with the lightning-fast WD SSD that's right for you - and dangerous to your enemies.



BUILD BEYOND SURVIVAL

Destroy the competition with an SSD enhanced with 3D NAND technology, delivering higher capacities (up to 2TB) than previous generation WD Blue™ SSDs, sequential read speeds up to 560MB/s and sequential write speeds up to 530MB/s.





SUPERCHARGE YOUR SYSTEM WITH A NEW WD SSD



WD Green™



2.5 SATA3 3D NAND

120GB | WDS120G2G0A 240GB | WDS240G2G0A

M.2 3D NAND

120GB | WDS120G1G0B 240GB | WDS240G1G0B

WD Blue™



2.5 SATA3 3D NAND

250GB | WDS250G2B0A 500GB | WDS500G2B0A
1TB | WDS100T2B0A 2TB | WDS200T2B0A

M.2 3D NAND

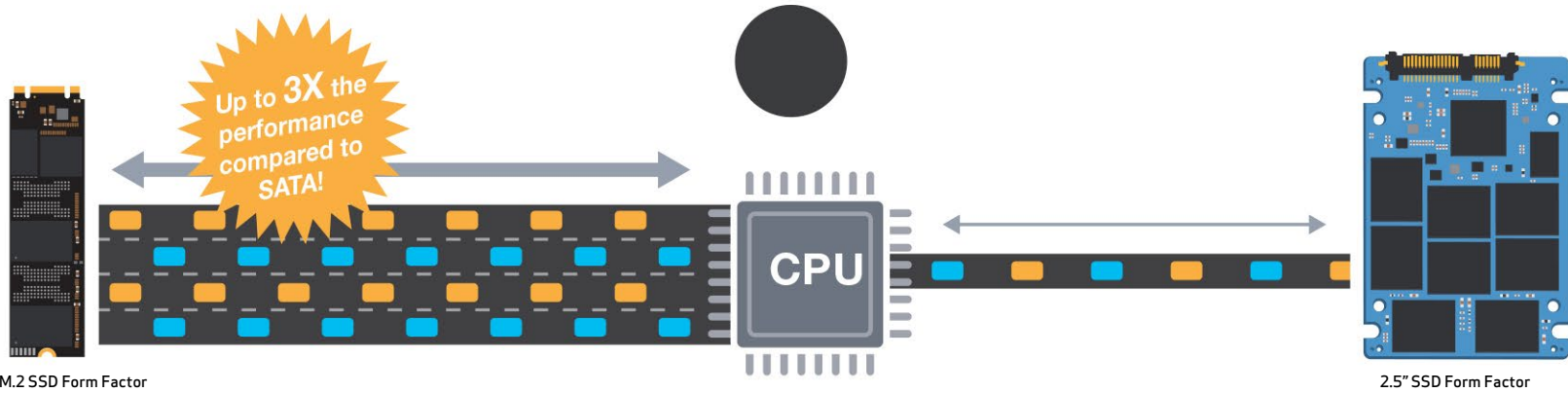
250GB | WDS250G2B0B 500GB | WDS500G2B0B
1TB | WDS100T2B0B 2TB | WDS200T2B0B

WD Black™



PCIe NVME SSD

256GB | WDS256G1X0C 512GB | WDS512G1X0C



M.2 SSD Form Factor

2.5" SSD Form Factor

PCIe

NVMe - A communications protocol optimized specifically for PCIe SSDs to handle high bandwidth transfer speeds. Supports up to 1GB/s per lane (PCIe Gen 3.0)

Copy a 12GB folder in 68 seconds!
63% faster than SATA!

	PCIe	SATA
Sequential Read Sequential Data • = 50 MB/second	2 050MB/s	540MB/s
Sequential Write Sequential Data • = 50 MB/second	800MB/s	465MB/s
Random Read	170k	37k
Random Write	134k	68k
Maximum Queue Depth	64k queues, 64k commands	1 queue, 32 commands

SATA

AHCI - Communications protocol optimized for spinning magnetic disk. Supports up to 600MB/s transfer rate.

What is PCIe?

A serial connection for high bandwidth transfer speeds and low latency

Who needs PCIe SSDs?



DESIGNER
- Large image rendering
- Intensive graphic editing



GAMER
- Landscape-rich games
- Fast level loading



BUSINESS
- High speed file transfer
- Fast boot up & launch



MUSICIAN
- High volume recording
- Music library loading



THE MVP OF NAS

DRIVE TO CONNECT

There's an industry-leading WD Red drive for every compatible NAS system to help fulfill your data storage needs. With drives up to 10TB, WD Red offers a wide array of solutions for customers looking to build the biggest, best-performing NAS storage solution. Built for single-bay to 8-bay NAS systems, WD Red packs the power to store your precious data in one powerhouse unit. With WD Red, you're ready for what's next.



WD Red™ NAS HDD (3 YEAR WARRANTY)

WD10EFRX	WD Red™ 1.0TB SATA3 64MB Cache 3.5"
WD20EFRX	WD Red™ 2.0TB SATA3 64MB Cache 3.5"
WD30EFRX	WD Red™ 3.0TB SATA3 64MB Cache 3.5"
WD40EFRX	WD Red™ 4.0TB SATA3 64MB Cache 3.5"
WD60EFRX	WD Red™ 6.0TB SATA3 64MB Cache 3.5"
WD80EFZX	WD Red™ 8.0TB SATA3 128MB Cache 3.5"
WD100EFAX	WD Red™ 10.0TB SATA3 256MB Cache 3.5"

WD Red™ Mobile HDD

WD10JFCX	WD Red™ 1.0TB SATA3 16MB Cache 2.5"
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WD Red™ PRO NAS HDD (5 YEAR WARRANTY)

WD2002FFSX	WD Red™ Pro 2.0TB SATA3 64MB Cache 3.5"
WD4002FFWX	WD Red™ Pro 4.0TB SATA3 128MB Cache 3.5"
WD6002FFWX	WD Red™ Pro 6.0TB SATA3 128MB Cache 3.5"
WD8001FFWX	WD Red™ Pro 8.0TB SATA3 128MB Cache 3.5"
WD101KFBX	WD Red™ Pro 10.0TB SATA3 256MB Cache 3.5"

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



EVERY EMPIRE NEEDS A FORTRESS

DRIVE TO ENDURE

Featuring up to ten times the workload capacity of desktop drives, WD Gold™ hard drives are designed from the ground up for enterprise-class reliability, capacity, power efficiency and performance.

WD Gold™ 3.5" HDD

WD1005FBYZ	WD Gold™ 1.0 SATA 128MB Cache 3.5"
WD2005FBYZ	WD Gold™ 2.0 SATA 128MB Cache 3.5"
WD4002FYYZ	WD Gold™ 4.0 SATA 128MB Cache 3.5"
WD6002FRYZ	WD Gold™ 6.0 SATA 128MB Cache 3.5"
WD8003FRYZ	WD Gold™ 8.0 SATA 128MB Cache 3.5"
WD101KRYZ	WD Gold™ 10.0 SATA 128MB Cache 3.5"
WD121KRYZ	WD Gold™ 12.0 SATA 256MB Cache 3.5"



All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



NO FRAME LEFT BEHIND

DRIVE TO CAPTURE

Built for 24/7, always-on, high-definition security systems. With a supported workload rate of up to 180 TB/yr and support for up to 64 cameras, WD Purple™ drives are optimized for surveillance systems.

WD Purple™ 3.5" HDD (3 YEAR WARRANTY)

WD10PURZ	WD Purple™ 1.0TB 64MB Cache 3.5"
WD20PURZ	WD Purple™ 2.0TB 64MB Cache 3.5"
WD30PURZ	WD Purple™ 3.0TB 64MB Cache 3.5"
WD40PURZ	WD Purple™ 4.0TB 64MB Cache 3.5"
WD60PURZ	WD Purple™ 6.0TB 64MB Cache 3.5"
WD80PURZ	WD Purple™ 8.0TB 128MB Cache 3.5"
WD100PURZ	WD Purple™ 10.0TB 256MB Cache 3.5"



All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



A NEW DIMENSION OF STORAGE

DRIVE TO BUILD

Boost your PC storage with WD Blue™ drives, the brand designed just for desktop and all-in-one PCs with a variety of storage capacities.

WD Blue™ Mobile HDD (2 YEAR WARRANTY)

WD5000LPCX	WD Blue™ HDD 500GB 16MB Cache 2.5"
WD10SPZX	WD Blue™ HDD 1TB 128MB Cache 2.5"

WD Blue™ Desktop HDD (2 YEAR WARRANTY)

WD10EZEX	WD Blue™ HDD 1TB 64MB Cache 3.5"
WD20EZRZ	WD Blue™ HDD 2TB 64MB Cache 3.5"
WD30EZRZ	WD Blue™ HDD 3TB 64MB Cache 3.5"
WD40EZRZ	WD Blue™ HDD 4TB 64MB Cache 3.5"
WD60EZRZ	WD Blue™ HDD 6TB 64MB Cache 3.5"



All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



STORE IT LIKE YOU OWN IT

DRIVE TO PERFORM

WD Black™ hard drives are designed for desktop PC and power users who demand performance, with a variety of upgrade options available.

WD Black™ Mobile HDD (5 YEAR WARRANTY)

WD5000LPLX	WD Black™ HDD 500GB 32MB Cache 2.5"
WD7500BPKX	WD Black™ HDD 750GB 16MB Cache 2.5"
WD10JPLX	WD Black™ HDD 1TB 32MB Cache 2.5"

WD Black™ Desktop HDD (5 YEAR WARRANTY)

WD1003FZEX	WD Black™ HDD 1TB 64MB Cache 3.5"
WD2003FZEX	WD Black™ HDD 2TB 64MB Cache 3.5"
WD4004FZWX	WD Black™ HDD 4TB 64MB Cache 3.5"
WD6002FZWX	WD Black™ HDD 6TB 128MB Cache 3.5"



All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



WD ELEMENTS PORTABLE SIMPLE, FAST AND PORTABLE

Reliable, easy to use high-capacity storage to go.

High-capacity in a Sleek Design

With up to 2TB capacity in a light-weight design, this drive is the ideal companion for users on the go.

Power up with USB 3.0

USB 3.0 connectivity means you can power up without carrying a bulky power cord and plug

Plug-and-play Simplicity

Works right out of the box with Windows® PC — just plug into the USB port to instantly add storage.



WD ELEMENTS
500GB

WDBUZG5000ABK-WESN

WD ELEMENTS
1TB

WDBUZG0010BBK-WESN

WD ELEMENTS
2TB

WDBU6Y0020BBK-WESN

WD ELEMENTS
3TB

WDBU6Y0030BBK-WESN



THE CONTENT YOU CREATE, STORED BEAUTIFULLY

Up to 4TB for photos and videos, Password protection, Auto backup, Pocket sized portability



CHOOSE FROM A VARIETY OF COLOURS AND SELECT YOUR CAPACITY:

WD MY PASSPORT

1TB

USB 3.0 / USB 2.0 Compatible

WD MY PASSPORT

2TB

USB 3.0 / USB 2.0 Compatible

WD MY PASSPORT

4TB

USB 3.0 / USB 2.0 Compatible



NEW

MY PASSPORT™ ULTRA
PORTABLE STORAGE
STORAGE STYLED
BRILLIANTLY

WDBTLG0010BGD-WESN

1TB

*Available in Gold or Grey

WDBFKT0020BGD-WESN

2TB

*Available in Gold or Grey

WDBFKT0030BGY-WESN

3TB

*Available in Gold or Grey

WDBFKT0040BGY-WESN

4TB

*Available in Gold or Grey



The New State of Storage

MY PASSPORT™ SSD
PORTABLE STORAGE

Blazing fast
Shock-resistant
Fits in your palm
Up to 1TB



MY PASSPORT SSD

256GB

WDBK3E2560PSL-WESN

MY PASSPORT SSD

512GB

WDBK3E5120PSL-WESN

MY PASSPORT SSD

1TB

WDBK3E0010PSL-WESN

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE



**OFFLOAD, EDIT AND
STREAM ANYWHERE**
My Passport™ Wireless Pro

**WD MY PASSPORT
ULTRA WIRELESS**

1TB

WDBVPL0010BBK-EESN

**WD MY PASSPORT
ULTRA WIRELESS**

2TB

WDBP2P0020BBK-EESN

**WD MY PASSPORT
ULTRA WIRELESS**

3TB

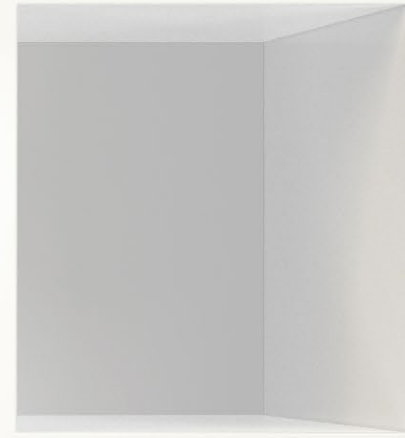
WDBSMT0030BBK-EESN

**WD MY PASSPORT
ULTRA WIRELESS**

4TB

WDBSMT0040BBK-EESN

NEW



MY CLOUD™ HOME
My Cloud. My Rules.



STORE IT ALL IN ONE PLACE. ACCESS IT FROM ANY.

WD MY CLOUD HOME

2TB

WDBVXC0020HWT-EESN

WD MY CLOUD HOME

3TB

WDBVXC0030HWT-EESN

WD MY CLOUD HOME

4TB

WDBVXC0040HWT-EESN

WD MY CLOUD HOME

6TB

WDBVXC0060HWT-EESN

WD MY CLOUD HOME

8TB

WDBVXC0080HWT-EESN



HIGH-PERFORMANCE STORAGE TO SAVE,
STREAM AND SHARE FROM ANYWHERE.



My Cloud™
EX2 Ultra
NAS

4TB

MY CLOUD EX2 ULTRA
WDBVBZ0040JCH-EESN

6TB

MY CLOUD EX2 ULTRA
WDBVBZ0060JCH-EESN

8TB

MY CLOUD EX2 ULTRA
WDBVBZ0080JCH-EESN

12TB

MY CLOUD EX2 ULTRA
WDBVBZ0120JCH-EESN

16TB

MY CLOUD EX2 ULTRA
WDBVBZ0160JCH-EESN

20TB

MY CLOUD EX2 ULTRA
WDBVBZ0200JCH-EESN



THE CORE OF TEAM COLLABORATION

MY CLOUD™ PRO SERIES NETWORK ATTACHED STORAGE

With space to keep virtually everything, the My Cloud Pro Series offers your creative team the network storage to edit, save and share production files from anywhere with an internet connection. Compatible with both Mac and PC, you're able to protect your content regardless of OS. And with all photos, videos and files organized in one place, your team has all it needs to streamline its creative workflow.

PR2100

Number of Drive Bays: 2-Bay
Processor: Intel Pentium N3710 Quad-Core 1.6GHz
Streaming: 4K Media, Hardware Transcoding, HD Media

PR4100

Number of Drive Bays: 4-Bay
Processor: Intel Pentium N3710 Quad-Core 1.6GHz
Streaming: 4K Media, Hardware Transcoding, HD Media

PR2100

4TB | WDBBCL0040JBK-EESN

8TB | WDBBCL0080JBK-EESN

12TB | WDBBCL0120JBK-EESN

16TB | WDBBCL0160JBK-EESN

20TB | WDBBCL0200JBK-EESN

PR4100

8TB | WDBNFA0080KBK-EESN

16TB | WDBNFA0160KBK-EESN

24TB | WDBNFA0240KBK-EESN

32TB | WDBNFA0320KBK-EESN

40TB | WDBNFA0400KBK-EESN

SanDisk®

**TELLING
LIFE'S
STORIES
FROM
MEMORY**



Trusting them to
SanDisk®

Whether you want to save and share your vacation photos, stream your favourite movie, shoot every minute in free fall on your next skydive, or make your laptop work faster and longer, SanDisk has a product you can trust to keep your memories safe and vivid.



Cruzer Blade™ USB Flash Drive

- Share photos, videos, songs and other files between computers with ease
- Compact, contoured light design

16GB*

GREEN: SDCZ50C-016G-B35GE
BLUE: SDCZ50C-016G-B35BE
PINK: SDCZ50C-016G-B35PE



SanDisk SecureAccess™

Standard USB



Cruzer Blade™ USB Flash Drive

16GB 32GB 64GB 128GB



16GB: SDCZ50-016G-B35 | **32GB:** SDCZ50-032G-B35
64GB: SDCZ50-064G-B35 | **128GB:** SDCZ50-128G-B35



SanDisk SecureAccess™



Cruzer Fit™ USB Flash Drive

16GB 32GB 64GB



16GB: SDCZ33-016G-B35 | **32GB:** SDCZ33-032G-B35
64GB: SDCZ33-064G-B35



SanDisk SecureAccess™



Cruzer Edge™ USB Flash Drive

16GB 32GB 64GB



16GB: SDCZ51-016G-B35 | **32GB:** SDCZ51-032G-B35
64GB: SDCZ51-064G-B35



SanDisk SecureAccess™



Cruzer Switch™ USB Flash Drive

16GB 32GB 64GB



16GB: SDCZ52-016G-B35 | **32GB:** SDCZ52-032G-B35
64GB: SDCZ52-064G-B35



SanDisk SecureAccess™



Cruzer® Dial USB Flash Drive

16GB 32GB 64GB



16GB: SDCZ57-016G-B35 | **32GB:** SDCZ57-032G-B35
64GB: SDCZ57-064G-B35



SanDisk SecureAccess™



Cruzer Glide™ USB Flash Drive

16GB 32GB 64GB 128GB 256GB



16GB: SDCZ60-016G-B35 | **32GB:** SDCZ60-032G-B35 | **64GB:** SDCZ60-064G-B35
128GB: SDCZ60-128G-B35 | **256GB:** SDCZ60-256G-B35



SanDisk SecureAccess™



SanDisk Cruiser Glide™ 3.0 USB Flash Drive

16GB 32GB 64GB 128GB 256GB



16GB: SDCZ600-016G-B35 | **32GB:** SDCZ600-032G-B35 | **64GB:** SDCZ600-064G-B35
128GB: SDCZ600-128G-B35 | **256GB:** SDCZ600-256G-B35



SanDisk SecureAccess™

* 1GB=1,000,000,000 bytes. Actual user storage less.

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Toll Free Support, call: 0800-991-393. www.sandisk.com



**Superfast Speed
USB 3.1**

SanDisk Extreme PRO® USB 3.1 Solid State Flash Drive

Solid state performance in a USB 3.1 flash drive¹

- Sophisticated design with durable aluminium metal casing
- Secure file encryption and password protection with included SanDisk SecureAccess™ software²

128GB* **256GB**
128GB: SDCZ880-128G-G46
256GB: SDCZ880-256G-G46

**USB 3.1
DRIVE**

420 UP TO MB/s*
READ

380 UP TO MB/s*
WRITE



SanDisk SecureAccess™

High Speed USB



SanDisk Ultra® USB 3.0 Flash Drive

16GB **32GB** **64GB** **128GB** **256GB**

16GB: SDCZ48-016G-U46 | **32GB:** SDCZ48-032G-U46
64GB: SDCZ48-064G-U46 | **128GB:** SDCZ48-128G-U46
256GB: SDCZ48-256G-U46

USB 3.0 **100** UP TO MB/s*
READ **15 X** SanDisk SecureAccess™



SanDisk Extreme® Go USB 3.1 Flash Drive

64GB **128GB**

64GB: SDCZ800-064G-G46 | **128GB:** SDCZ800-128G-G46

**USB 3.1
DRIVE** **200** UP TO MB/s*
READ **150** UP TO MB/s*
WRITE SanDisk SecureAccess™



SanDisk Ultra Flair™ USB 3.0 Flash Drive

16GB **32GB** **64GB** **128GB** **256GB**

16GB: SDCZ73-016G-G46 | **32GB:** SDCZ73-032G-G46
64GB: SDCZ73-064G-G46 | **128GB:** SDCZ73-128G-G46
256GB: SDCZ73-256G-G46

USB 3.0 **150** UP TO MB/s*
READ **15 X** SanDisk SecureAccess™



SanDisk Ultra Fit™ USB 3.0 Flash Drive

16GB **32GB** **64GB** **128GB**

16GB: SDCZ43-016G-GAM46 | **32GB:** SDCZ43-032G-GAM46
64GB: SDCZ43-064G-GAM46 | **128GB:** SDCZ43-128G-GAM46

USB 3.0 **150** UP TO MB/s*
READ **15 X** SanDisk SecureAccess™

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE

* 1GB=1,000,000,000 bytes. Actual user storage less. † Read speeds up to 420MB/s, write speeds up to 380MB/s. USB 3.1 Gen 1 or USB 3.0 port required. Based on internal testing; performance may be lower depending upon host device. 1MB=1,000,000 bytes. ‡ Password protection uses 128-bit AES encryption and is supported by Windows Vista®, Windows 7, Windows 8, Windows 10 and Mac OS X v10.7+ (Software download required for Mac, see www.sandisk.com/secureaccess).

Freeing up space

on your iPhone¹ has never been easier



iXpand™
Flash Drive



iXpand™
Mini Flash Drive

A USB for your iPhone – add up to 128GB* more memory to your iPhone
Automatically back up your photos & videos²
Fast transfer of your favourite photos & videos from your PC to your iPhone

SanDisk®



* 1GB=1,000,000,000 bytes. Actual user storage less.
¹ iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPad Air™, iPad mini™, iPad mini 4, iPad Pro, iPad with Retina display, iPod* 5th Generation and newer; iXpand Drive app and iOS 8.2 required.
² Available for download from the App Store. iOS 8.2 required. Setup automatic backup within app settings.



SanDisk Ultra® Dual Drive USB Type-C™

The flash drive for USB Type-C™ devices

- Free up space on your Android smartphone²
- USB Type-C connector and a traditional USB connector

16GB* **32GB** **64GB** **128GB** **256GB**

16GB: SDDDC2-016G-G46 | **32GB:** SDDDC2-032G-G46 | **64GB:** SDDDC2-064G-G46
128GB: SDDDC2-128G-G46 | **256GB:** SDDDC2-256G-G46



Mobile

SanDisk Connect™ Wireless Stick

16GB **32GB** **64GB** **128GB** **200GB** **256GB**

16GB: SDWS4-016G-G46 | **32GB:** SDWS4-032G-G46 | **64GB:** SDWS4-064G-G46
128GB: SDWS4-128G-G46 | **200GB:** SDWS4-200G-G46 | **256GB:** SDWS4-256G-G46

White colour only available in 200GB and 256GB

kindle | Download on the App Store | GET IT ON Google Play

iXpand™ Flash Drive

16GB **32GB** **64GB** **128GB** **256GB**

16GB: SDIX30C-016G-GN6NN | **32GB:** SDIX30C-032G-GN6NN | **64GB:** SDIX30C-064G-GN6NN
128GB: SDIX30C-128G-GN6NE | **256GB:** SDIX30C-256G-GN6NE

Made for iPod iPhone iPad | Download on the App Store | New & Improved SanDisk iXpand Drive App

iXpand™ Mini Flash Drive

16GB **32GB** **64GB** **128GB**

16GB: SDIX40N-016G-GN6NN
32GB: SDIX40N-032G-GN6NN
64GB: SDIX40N-064G-GN6NN
128GB: SDIX40N-128G-GN6NN

New & Improved SanDisk iXpand Drive App

Made for iPod iPhone iPad | Download on the App Store | USB 3.0

SanDisk Ultra® USB Type-C™ Flash Drive

16GB **32GB** **64GB** **128GB**

16GB: SDCZ450-016G-G46
32GB: SDCZ450-032G-G46
64GB: SDCZ450-064G-G46
128GB: SDCZ450-128G-G46

SanDisk Memory Zone | Android

SanDisk Ultra® Dual USB Drive 3.0

16GB **32GB** **64GB** **128GB** **256GB**

16GB: SDDD2-016G-GAM46
32GB: SDDD2-032G-GAM46
64GB: SDDD2-064G-GAM46
128GB: SDDD2-128G-GAM46
256GB: SDDD2-256G-GAM46

USB 3.0 to PC | UP TO 150MB/s* | Android

*1 GB = 1,000,000,000 bytes. Actual user storage less. *(32GB - 128GB only) Read speeds from drive to computer up to 150MB/s. (16GB only) Read speeds from drive to computer up to 130MB/s. Write speeds lower and vary by drive capacity. USB 3.0 port required. Based on internal testing; performance may be lower depending upon host device. 1MB=1,000,000 bytes. ¹ Requires device with On The Go (OTG) compatibility. See www.sandisk.com/dualdrive for list of compatible devices.

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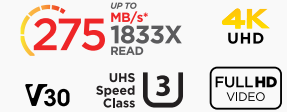
Reader included



SanDisk Extreme PRO® microSDXC™ UHS-II card™

- Transfer speeds of up to 275MB/s**

64GB* **128GB**
64GB: SDSQXPJ-064G-GN6M3
128GB: SDSQXPJ-128G-GN6M3



Mobile



SanDisk microSDHC™ UHS-I Card with Adapter

8GB **16GB** **32GB**
8GB: SDDSQM-008G-B35A
16GB: SDDSQM-016G-B35A
32GB: SDDSQM-032G-B35A



SanDisk Ultra® microSDHC™/microSDXC™ UHS-I Card with Adapter 48MB/s

16GB **32GB** **64GB** **128GB**
16GB: SDSQUAR-016G-GN6IA
32GB: SDSQUAR-032G-GN6IA
64GB: SDSQUAR-064G-GN6IA
128GB: SDSQUAR-128G-GN6IA



SanDisk Extreme® microSDHC™ / microSDXC™ UHS-I Card with Adapter

32GB **64GB** **128GB**
32GB: SDSQXAF-032G-GN6MA
64GB: SDSQXAF-064G-GN6MA
128GB: SDSQXAF-128G-GN6MA



SanDisk Ultra® microSDHC™/microSDXC™ UHS-I Card with Adapter 80MB/s

16GB **32GB** **64GB**
16GB: SDSQUAR-016G-GN6TA
32GB: SDSQUAR-032G-GN6TA
64GB: SDSQUAR-064G-GN6TA



SanDisk Extreme® PLUS microSDHC™ / microSDXC™ UHS-I Card with Adapter

32GB **64GB** **128GB**
32GB: SDSQXBG-032G-GN6MA
64GB: SDSQXBG-064G-GN6MA
128GB: SDSQXBG-128G-GN6MA



SanDisk Extreme® PRO microSDHC™ / microSDXC™ UHS-I Card with Adapter 100MB/s

32GB **64GB** **128GB**
32GB: SDSQXCG-032G-GN6MA
64GB: SDSQXCG-064G-GN6MA
128GB: SDSQXCG-128G-GN6MA



* 1GB=1,000,000,000 bytes. Actual user storage less. ** Up to 275MB/s read; up to 100MB/s write. Based on internal testing; performance may be lower depending upon host device interface, usage conditions and other factors. 1MB=1,000,000 bytes.

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MEMORY TO CAPTURE THE MOMENT

SanDisk technology is there for you when inspiration strikes

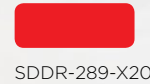
- Exceptional performance and reliability
- High speeds enable seamless capture and playback
- The trusted choice for over 27 years



ImageMate All-in-One USB 3.0 Reader

Transfer Multi-card photos and video via USB 3.0

- Up to 500 MB/s* interface transfer speed¹
- Fast transfer of photos and video



Imaging



SanDisk Extreme® PLUS SDHC™ / SDXC™ UHS-I Card

32GB* **64GB**

32GB: SDSDXWF-032G-GNCIN
64GB: SDSDXWF-064G-GNCIN



SanDisk High Endurance Video Monitoring Card

32GB **64GB**

32GB: SDSDQQ-032G-G46A
64GB: SDSDQQ-064G-G46A



SanDisk Ultra® SDHC™ / SDXC™ UHS-I Card

16GB **32GB** **64GB**

16GB: SDSDUNB-016G-GN3IN
32GB: SDSDUNB-032G-GN3IN
64GB: SDSDUNB-064G-GN3IN



SanDisk Extreme® microSDHC™ / microSDXC™ UHS-I Card 90MB/s

32GB **64GB**

32GB: SDSQXNE-032G-GN6AA
64GB: SDSQXNE-064G-GN6AA



SanDisk Extreme PRO® SDHC™/SDXC™ UHS-I Card

32GB **64GB** **128GB** **256GB** **512GB**

32GB: SDSDXXG-032G-GN4IN | **64GB:** SDSDXXG-064G-GN4IN
128GB: SDSDXXG-128G-GN4IN | **256GB:** SDSDXXG-256G-GN4IN
512GB: SDSDXXG-512G-GN4IN



SanDisk Extreme® microSDHC™ / microSDXC™ UHS-I Card 100MB/s

32GB **64GB** **128GB**

32GB: SDSQXAF-032G-GN6AA
64GB: SDSQXAF-064G-GN6AA
128GB: SDSQXAF-128G-GN6AA



SanDisk Extreme PRO® SDHC™/SDXC™ UHS-II Card

32GB **64GB** **128GB**

32GB: SDSDXPK-032G-GN4IN
64GB: SDSDXPK-064G-GN4IN
128GB: SDSDXPK-128G-GN4IN



SanDisk Extreme® CompactFlash™

16GB **32GB** **64GB** **128GB**

16GB: SDCFXS-016G-X46
32GB: SDCFXSB-032G-G46
64GB: SDCFXSB-064G-G46
128GB: SDCFXSB-128G-G46



* 1GB=1,000,000,000 bytes. Actual user storage less. ¹Based on USB 3.0 specification; performance may vary depending upon use case. 8 bits = 1 byte. 1MB=1,000,000 bytes.

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Microsoft Office
Home & Student

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Microsoft Office
365 Personal

QQ2-00034



Microsoft Office
365 Home

6GQ-00016





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Let Your Imagination Take Shape

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Windows 10 Home
64-Bit

KW9-00139

Home



Microsoft

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32-Bit

FQC-08969

Windows 10 Pro
64-Bit

FQC-08929

Pro



Microsoft



SURVEILLANCE

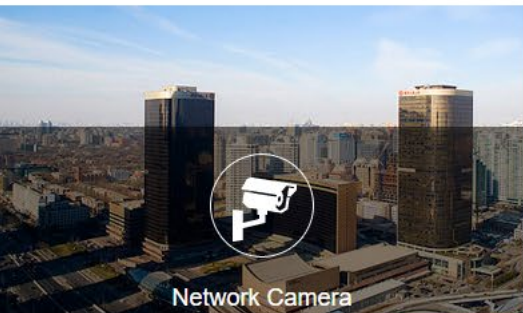
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@lhua
TECHNOLOGY

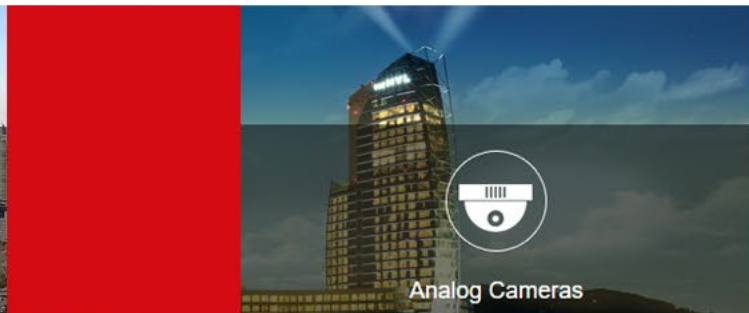


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First Choice for Security Professionals



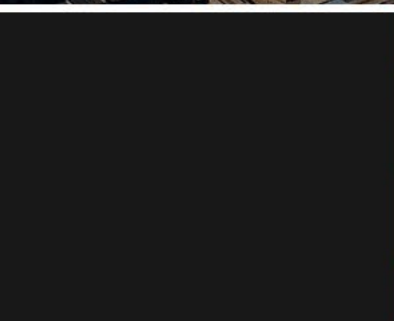
Network Camera



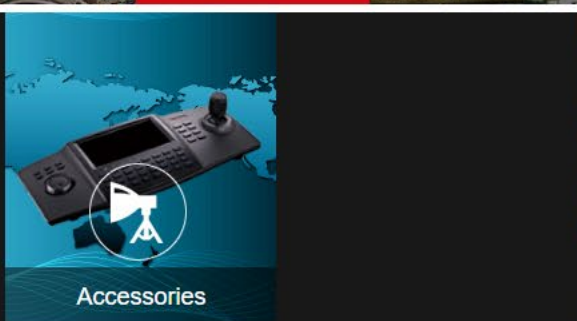
Analog Cameras



Back-end



Accessories



PTZ



VMS



TURBO HD TRIBRID SYSTEM FASTEN YOUR SEATBELTS! FULL HYBRID HD TECHNOLOGY
TURBO-CHARGES YOUR ANALOG SYSTEM!

SEE THE WORLD IN A NEW WAY HIKVISION THERMAL CAMERAS

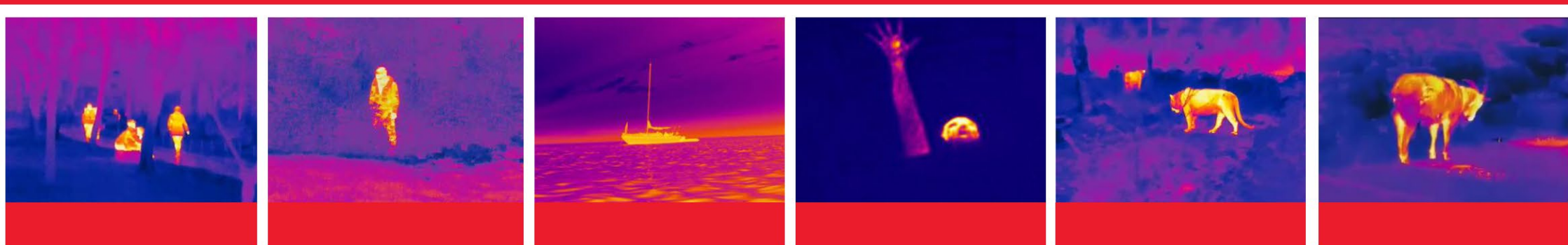
DS-2TS03-25UM/W

Handheld Observational Thermal Monocular

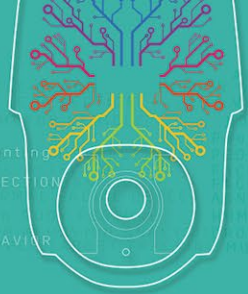


Hikvision DS-2TS03 handheld observational thermal monocular is equipped with a 384× 288 infrared detector and a 1024× 768 OLED display. It supports functions of observation, hot spot tracking, distance measurement, Wi-Fi hot spot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness.

Please contact your sales representative for more information



VEHICLE
People Counting
FACIAL DETECTION
HUMAN
BEHAVIOR



HIKVISION



HD720P IR Bullet Camera
DS-2CE16C0T-IRPF

Lens option: 2.8 mm, 3.6 mm



HD720P Turbo Mini Bullet
DS-2CE16C0T-IRCVBS

Lens option: 2.8mm



HD720P Turbo Mini Bullet
DS-2CE16C0T-IRF

Lens option: 2.8mm



HD1080P Turbo HD Bullet
DS-2CE16D0T-IRF

Lens option: 2.8mm and 3.6mm



HD1080P Vari Focal Bullet
DS-2CE16D1T-VFIR3

Lens option: 2.8-12mm @ F1.4

Bullet Analog Camera



HD1080P Mini Turret
DS-2CE56D0T-IR

Lens option: 2.8mm 20m IR IP66



HD720P Vari-Focal Dome
DS-2CE56C5T-VP1R3

Lens option: 720P 2.8-12mm
40m IR VF Dome



HD1080P Turbo Vari-Focal Dome
DS-2CE56D1T-VFIR3

Lens option: Vari-focal 40M IR
Eyeball Dome Camera

Dome Analog Camera



HIKVISION



4-Ch Turbo HD 720P
DS-7104HGHI-F1

H.264, Analogue and HD-TVI HDMI and VGA output at up to 1920x1080P, 1x SATA interface, Mini 1U case



8-Ch Turbo HD 720P
DS-7108HGHI-F1

H.264, Analogue and HD-TVI video input, 1-Ch Audio input, HDMI and VGA output at up to 1920x1080P



16-Ch Turbo HD 720P
DS-7116HGHI-F1

H.264, Analogue and HD-TVI video input, 1-Ch Audio input, HDMI and VGA output at up to 1920x1080P, 1x SATA interface, Mini 1U case

DVR



8-Ch Turbo HD DVR
DS-7208HUHI-F2/S

H.264,H.264+, 32 Kbps-10 Mbps, 128 remote connections, 2 SATA Interfaces, 1; 10M / 100M / 1000M self-adaptive Ethernet interface, 1 USB 2.0 Interface



16-Ch Turbo HD DVR
DS-7216HUHI-F2/S

H.264,H.264+, 32 Kbps-10 Mbps, 2 SATA Interfaces, 1; 10M / 100M / 1000M self-adaptive Ethernet interface, 1 USB 2.0 Interface



32-Channel Turbo HD
DS-7332HGHI-SH

Analogue and HD-TVI video input, 4-Ch RCA, HDD: 4 SATA interfaces, Simultaneous HDMI and VGA outputs at up to 1920x1080P resolution.

DVR

EasyIP 3.0
START

HIKVISION



2-MP WDR IR Mini-Bullet
DS-2CD2022WD-I

Lens options: 2.8mm or 4mm



4-MP WDR IR Mini-Bullet
DS-2CD2042WD-I

Lens options: 2.8mm or 4mm



2-MP Outdoor Vari-focal Bullet IP
DS-2CD2622FWD-I

2.8 - 12 mm @ F1.4



4-MP Vari-focal WDR IR Network
DS-2CD2642FWD-IS

2.8-12mm

IP Bullet Camera



2-MP Outdoor WDR IR
DS-2CD2122FWD-I

Lens Option: 2.8mm or 4mm



4-MP Outdoor WDR IR
DS-2CD2142FWD-I

Lens: 2.8mm or 4mm



2-MP Vari-focal 50M WDR
DS-2CD2722FWD-I

VF Lens: 2.8 - 12mm



4-MP Vari-focal IR
DS-2CD2742FWD-IS

Vari-focal lens: 2.8-12mm @ F1.4

IP Dome Camera



8-Ch Embedded NVR

DS-7608NI-E2/8P

8-Channel NVR with PoE, Individually Configurable Channels, Third-Party Network Cameras Supported, Up to 5MP Resolution Recording, HDMI and VGA Output



16-Ch Embedded NVR

DS-7616NI-E2

160 Mbps Incoming Bandwidth, H.264+ and H.264, 2 SATA interfaces for 2 HDDs, 1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface, 1 × USB 2.0 and 1 × USB 3.0



8-Ch Embedded NVR

DS-7608NI-E2/8P

128 remote connections, 4-ch@1080P, 1 SATA interface for 1 HDD, 1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface, 1 × USB 2.0 and 1 × USB 3.0



8-Ch Embedded NVR

DS-7608NI-E2

Up to 6 Megapixel Resolution Recording, 80 Mbps Incoming Bandwidth, 2 SATA interfaces for 2 HDDs, 1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface

NVR



16-Ch Embedded NVR

DS-7616NI-E2/8P

Up to 6 Megapixels resolution recording, 2 SATA interfaces for 2 HDDs, 1RJ-45 10/100/1000Mbps self-adaptive Ethernet interface, 1 × USB 2.0 and 1 × USB 3.0



16-Ch Embedded NVR with PoE

DS-7616NI-E2/16P

160 Mbps Incoming Bandwidth, H.264+ and H.264, 2 SATA interfaces for 2 HDDs



32-Ch NVR

DS-7732NI-I4

Up to 12 MP resolution, 256 Mbps outgoing bandwidth, 4 SATA interfaces for 4HDDs, 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

NVR



1MP WDR Pinhole
DS-2CD2D14WD

Lens: 3.6mm



1.3MP L-Shaped Pinhole
DS-2CD6424FWD-10/20/30

Lens: 3.7mm @F2.3



6-MP Infra-red Fisheye Network
DS-2CD6362FIVS

360° view angle; Up to 3072 x 2048 real-time streaming; Audio/Alarm IO/RS485



2MP Low Light Smart
DS-2CD4A26FWD-IZ

Focus: 2.8-12mm @ F1.4



2MP WDR Mini Dome
DS-2CD2522FWD-I

Lens: 2.8mm

Enterprise IP Cameras



1.3MP Intelligent People Counting
IDS-2CD6412FWDC

2.1mm/F2.2, horizontal FoV: 115° or 2.8mm/F2.0, horizontal FoV: 92.5°



1-MP Dual Lens Intelligent People Counting
IDS-2CD6810F/C

2.0 mm, horizontal field of view: 100°
2.8 mm, horizontal field of view: 82°



2-MP X20 Zoom 150M IR Network PTZ
DS-2DE5220IW-AE

Lens: 4.7-94.0mm, 20x



"Darkfighter" 2-MP X23 Zoom Ultra-low Light 200M IR Smart
DS-2DF8223I-AEL

Lens: 5.7-205.2, 36x

Enterprise IP Cameras



64-CH High End NVR
DS-9664NI-I8

HDMI/VGA output, 8 SATA interfaces for 8 HDDs, 1 eSATA interface, 2 RJ-45 10/100/1000Mbps



Blazer Pro/128/16H
DS-96128NI-F16

Blazer Pro iVMS-embedded All-in-One Server. 128 camera VMS licensed with enabled Raid 0/1/5/6/10



Blazer Pro/256/16H
DS-96256NI-F16

Blazer Pro iVMS-embedded All-in-One Server. 256 camera VMS licensed Enabled Raid 0/1/5/6/10



USB Keyboard
DS-1005KI

3D PTZ control and 2 joystick control buttons, Up to 15 programmable buttons are available



128-CH H.264 NVR
DS-1100KI

Live view and playback of video on screen at up to 1080p resolution, 1-channel video decoding for local preview, Video capture and recording to local U-flash disk

NVR



HD-TVI Balun Set
DS-1H18

200m TVI Colour transmission over UTP cable



Ceiling Mount Bracket
DS-1645ZJ

For PTZ cameras



Wall Mount Bracket
DS-1602ZJ

For PTZ cameras



Pole Mount Bracket
DS-1602ZJ-POLE

For PTZ cameras

Accessories

IVMS-5200-P-VS-C

Camera License per Camera

IVMS-5200-P-MOBILE-B

GIS base license, car gps location display in GIS map, track playback

IVMS-5200-P-VS-B

Hikvision VMS Base License, including 4x channel licenses

IVMS-5200-P-ANPR-B

Hikvision ANPR module base license with 2 ANPR cameras license with Parking management entrance & exit function.

IVMS-5200-ANPR-C

Channel License (one license per channel)

IVMS-5200-P-BI-B

Business Intelligence Base License (including Transaction Data Analysis, People counting analysis, Retail traffic analysis functions)

IVMS-5200-MS-C

Mobile video surveillance camera license

IVMS-5200-P-SS

Storage server base license for 64 camera recording

IVMS-5200-MS-BI

Mobile surveillance Business Intelligence base license, includes functions: Support the traffic data analysis including the Mileage Statistics, Network Traffic and Online Duration.

IVMS-5200-ANPR-SS

Storage server license for 64 ANPR cameras central recording



Secure and Efficient System Management

- Access permission control for various system users
- Integrate with Windows Active Directory account as CCTV system user for a coherent, company-wide HR policy
- Handle instant alarm and search related video evidence efficiently
- Edge storage, distributed DVR/NVR storage, and unique Central Video Recorder (CVR) available
- Play back intrusion and line-crossing video footage via VCA search



Make Wise Decisions with Business Intelligence

- Prevents service interruption and CMS data loss with the RoseReplicatorPlus™ failover solution
- Monitors the channel/device/service status and alerts operator during anomalies
- Supports CVR N+1 and Automatic Network Replenishment (ANR) to protect video footage



Banking and Finance



Residential



Retail



Sports & Leisure



Transportation



Energy



alhua
TECHNOLOGY





Banking and Finance



4K UHD camera with face recognition can identify suspicious object with super clear image to prevent potential risk and critical events

Residential



Entrance and exit management, Public Safety, Central Management

Retail



Security & Loss Prevention
Business Intelligence

Sports and Leisure



Remote surveillance, Cashier safety, Alarm system, Management, Turnover Growth, Food Safety

Transportation



Using cutting-edge technologies such as 4K, panoramic, face/license plate recognition, thermal detection,

Energy



Industry-Grade Design, Advanced Intelligent Application, Smart Thermal Imaging, Multi-Dimensional Deployment, Multi-Type Power Supply and Data Transmission, Strict Authority Control



2MP HDCVI IR Bullet

HAC-HFW1220S

Max 30fps@1080P, 3.6mm fixed lens, Max. IR length 30m, Smart IR, IP67, DC12V



4MP HDCVI WDR IR Bullet

HAC-HFW2401E

120dB True WDR, 3DNR, 3.6mm fixed lens, Max IR length 40m, Smart IR, IP67, DC12V



1Megapixel 720P HDCVI Pinhole

HAC-HUM3100B

Max 30fps@720P, HD output, 3.6mm lens, DC12V



2MP HDCVI IR Bullet

HAC-HFW1200R-VF-IRE6-S3

2.7-13.5mm vari-focal lens, Max. IR length 60m, Smart IR, IP67, DC12V



4MP HDCVI IR Bullet

HAC-HFW1400R-VF-IRE6

2.7-13.5mm vari-focal lens, Max 30fps@4MP, Max. IR length 60m, Smart IR, IP67, DC12V

HDCVI - Bullet Cameras



2MP HDCVI IR Eyeball Camera

HAC-HDW1200R-VF-S3

Max 30fps@1080P, 2.7-13.5mm vari-focal lens, Max. IR length 30m, Smart IR, IP67, DC12V



2MP HDCVI IR Bullet Camera

HAC-HDW1400R-VF

Max 30fps@4MP, 2.7-13.5mm vari-focal lens, Max IR length 30m, Smart IR, IP67, DC12V



2MP 25x Starlight IR PTZ HDCVI

SD49225I-HC-S2

1/2.8" 2Megapixel STARVIS™ CMOS, 25x optical zoom, IR distance up to 100m, IP66



2MP 30x Starlight IR PTZ HDCVI

SD59230I-HC-S2

1/2.8" 2Megapixel STARVIS™ CMOS, 30x optical zoom, 120dB true WDR, 3D DNR, IR distance up to 150m, IP66



4MP 30x IR PTZ HDCVI Camera

SD59430I-HC

1/3" 4Megapixel CMOS, 30x optical zoom, 120dB true WDR, 3D DNR, IR distance up to 100m, IP66

HDCVI - Dome Cameras

HDCVI - PTZ Cameras



2MP IR Mini-Bullet Network
IPC-HFW1220S

DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC, 3.6mm Lens, 30m IR, IP67, PoE



2MP HDCVI IR Bullet
IPC-HFW1220S-S3

DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC, 2.8 mm lens, 30m IR, IP67, PoE



4MP Network IR Mini-Bullet
IPC-HFW1420S

DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC, CMS(DSS/PSS) & DMSS, 3.6mm lens, 30m, IP67, PoE



4MP Network IR Mini-Bullet
IPC-HFW1420S-S3

DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC, 3.6 mm Lens, 30m IR, IP67, PoE

IP - Bullet Cameras



2MP WDR IR Bullet Network
IPC-HFW2221R-ZS/VFS-IRE6

WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC, Micro SD card, 2.7-12mm vari focal lens, 60m IR, IP67, PoE



4MP WDR IR Bullet Network
IPC-HFW2421R-ZS/VFS-IRE6

WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC, Micro SD card 2.7-12mm vari focal lens, 60m IR, IP67, PoE



2MP WDR IR Dome Network
IPC-HDBW2221R-VFS

WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC, Micro SD card, 2.7-12mm varifocal lens, 30m IR, IP67, IK10, PoE



4MP Dome
IPC-HDBW2421R-VFS

Max 30fps@1080P, Progressive CMOS, WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC, 2.7-12mm varifocal lens, Max IR LEDs Length 30m, IP67, IK10, PoE

IP - Bullet Cameras

IP - Dome Cameras



2MP 25x Starlight IR PTZ Network
SD49225T-HN

2 Megapixel STARVIS™ CMOS, 1/2.8", Powerful 25x optical zoom, Starlight technology, 1080P/720P/D1 (1 - 25/30fps), IVS, Support PoE+, IR distance up to 100m, IP66



4MP 30x IR PTZ Network
SD59430U-HNI

4 Megapixel CMOS, Powerful 30x optical zoom, H.265 Encoding, Max 25/30fps@4M/3M, 25/30/50/60fps@1080P, Auto-tracking and IVS, Support PoE+, IR distance up to 100m, IP66



8 Channel Compact 1U Lite
NVR2108HS-S2

H.264+/H.264 codec decoding, Max 80Mbps incoming bandwidth, Up to 6Mp resolution preview & playback, HDMI/VGA simultaneous video output, 3D intelligent positioning with Dahua PTZ camera



8 Channel Compact 1U 8PoE Lite
NVR2108HS-8P-S2

H.264+/H.264 codec decoding, Max 80Mbps incoming bandwidth, Up to 6Mp resolution preview & playback, HDMI/VGA simultaneous video output, 3D intelligent positioning with Dahua PTZ camera

IP - PTZ Cameras

NVR



16-Ch 4K and H.264 Lite
NVR4216-4KS2

H.265/H.264 codec decoding, Max 200Mbps Incoming Bandwidth, Up to 8MP Resolution for Preview and Playback



16-Ch 16 PoE 4K and H.265 Pro
NVR5216-16P-4KS2

H.265/H.264/MJPEG/MPEG4 codec decoding, Max 320Mbps incoming bandwidth, Up to 12Mp resolution preview & playback, HDMI/VGA simultaneous video output, 3D intelligent positioning with Dahua PTZ camera



32-Ch 4K and H.265
NVR5232-4KS2

H.265/H.264/MJPEG/MPEG4 codec decoding, Max 320Mbps incoming bandwidth, Up to 12Mp resolution preview & playback



32-Ch 16 PoE 4K and H.265
NVR5432-16P-4KS2

H.265/H.264/MJPEG/MPEG4 codec decoding, Max 320Mbps incoming bandwidth, Up to 12Mp resolution preview & playback

NVR



8-Ch Penta-brid 720P Compact 1U
XVR4108HS-S2

Support HDCVI/AHD/TVI/CVBS/IP video inputs, Max 5/10/18 channels IP camera inputs

8-Ch Penta-brid 1080P Compact 1U
XVR5108HS-S2

H.264+/H.264 video compression, Support HDCVI/AHD/TVI/CVBS/IP video inputs, Max 6/12/24 channels IP camera inputs, each channel up

8-Ch 4MP Mini 1U
HCVR-7108H-4K

Support HDCVI/CVBS video inputs, Max 6/12/24 channels IP camera inputs, each channel up to 8MP, Max 24/48/96Mbps Incoming Bandwidth

16-Ch Penta-brid 1080P Compact 1U
XVR5116H-S2

H.264+/H.264 dual-stream video compression, Support HDCVI/AHD/TVI/CVBS/IP video inputs, Max 6/12/24 channels IP camera inputs, each channel up

DVR



16-Ch Penta-brid 1080P 1U
XVR7216A

H.264+/H.264 dual-stream video compression, Support HDCVI/AHD/TVI/CVBS/IP video inputs, Max 6/12/24 channels IP camera inputs, each channel up to 5MP, Max 24/48/96Mbps Incoming Bandwidth

16-Ch 4MP 1U
HCVR7216AN-4K

H.265/H.264/MJPEG/MPEG4 codec decoding, Max 320Mbps incoming bandwidth, Up to 12Mp resolution preview & playback, HDMI/VGA simultaneous video output, 3D intelligent positioning with Dahua PTZ camera

32-Ch Penta-brid 1080P Lite 1.5U
XVR5432L-S2

H.264+/H.264 dual-stream video compression, Support HDCVI/AHD/TVI/CVBS/IP video inputs, Max 12/24/32 channels IP camera inputs, each channel up

Network, Control and Dome Keyboard
NKB1000

RS485, RS422, USB, RS232 & Network, Three Dimensional Joystick Control of PTZ Functions

DVR

Accessories

CyberPower®

Reliability. Quality. Value.

YOUR ULTIMATE ALLY IN POWER

CyberPower® | Inverters



CPS-2200EILCD-B
2200VA/1320W

CPS-2200EILCD-B
5000VA/3500W



| Online Tower

CPS-OLS1000EC
1000VA

CPS-OLS2000EC
2000VA

CPS-OLS3000EC
3000VA

| Line Interactive



CPS-BU600EI
600VA/360W

CPS-BU1000EI
1000VA/600W

| Battery for Inverter



CPS-RBP200
12V 200AH AGM

Power your life
LONG

ALSO AVAILABLE

KPH100-12AN
100AH 12V

KPH200-12N
200AH 12V





By using Forest Lighting LED
You Can SAVE OVER
80% electricity costs for lighting.



LED Downlights



LED Ceiling Light



LED Street Light



LED Panel Light



LED Filament



LED Bulbs Light



LED Strip Lights



LED Tube Light

HOW TO CHOOSE YOUR LED BULB

STEP 1: Choose your fitting and form

Fitting



Shape



◆ Forest Lighting LED bulb series can almost replace all the bulbs in the market. To find the correct fitting and form is the first thing to do before your purchasing.

STEP 2: Choose your application

◆ Directional lighting
The LED lamp shall have an even distribution of luminous intensity within the 0 to 180 degree zone as the picture.



◆ Omni-directional lighting
The LED lamp shall have an even distribution of luminous intensity within the 0 to 270 degree and shall not differ more than 20%. More than 10% luminous intensity will left within 270 to 360 degree zone as the picture.



STEP 3: Choose the LED with appropriate lumen & Power

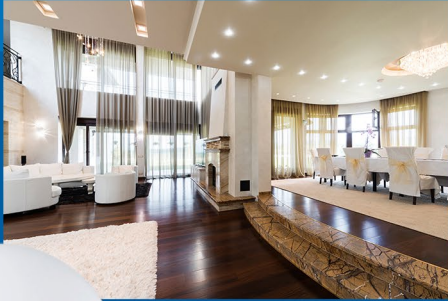
Incandescent Lamp		LED Lamp		CFL Lamp		
Power consumption	Directional (lm)	Omni-directional (lm)	Directional (W)	Omni-directional (W)	Directional (W)	Omni-directional (W)
15W	150	-	-	-	5W	-
25W	250	200	3W	-	7W	-
40W	400	450	6W	6W	9W	-
60W	600	600/800	9W	9W	15W	-
75W	750	1100	13W	13W	-	-
100W	1000	1600	20W	18W	-	-

STEP 4: Choose your colour temperature



The unit of color temperature is "Kelvin or K" ◆
Higher Kelvin means cooler color temperature. ◆





Bold with Style



Task Illumination



E27 3000K Warm White Screw-Type LED

MLS-MA2S08-6-E27

Forest Lighting® E27 LED Bulb
6W 3000K Warm White CCTK

MLS-MA2S08-9-E27

Forest Lighting® E27 LED Bulb
9W 3000K Warm White CCTK

MLS-MA2S01-12W

Forest Lighting® E27 LED Bulb
12W 3000K Warm White CCTK

E27 6000K Cold White Screw-Type LED

MLS-MA2W08-6-E27

Forest Lighting® E27 LED Bulb
6W 6000K Cold White CCTK

MLS-MA2W08-9-E27

Forest Lighting® E27 LED Bulb
9W 6000K Cold White CCTK

MLS-MA2W01-12W

Forest Lighting® E27 LED Bulb
12W 6000K Cold White CCTK

B22 3000K Warm White Pin-Type LED

MLS-MA2S08-6-B22

Forest Lighting® B22 Bayonette LED
6W 3000K Warm White CCTK

MLS-MA2S08-9-B22

Forest Lighting® B22 Bayonette LED
9W 3000K Warm White CCTK





HOW TO CHOOSE YOUR LED TUBE

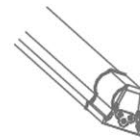
STEP 1: Choose your fitting and connector



G13 lamp holder



Integrated lamp holder

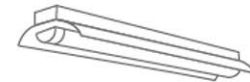
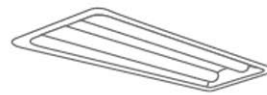


Integrated lamp holder

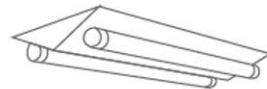
- ◆ Forest Lighting Tube series products almost can replace all series tube in the market. To find the correct size and connector is the first thing to do before you buy the tubes.

STEP 2: Choose your fixtures

1



3



2



STEP 3: Choose the lumens and power consumptions.



Fluorescent T8



LED T8



Flourescent T5

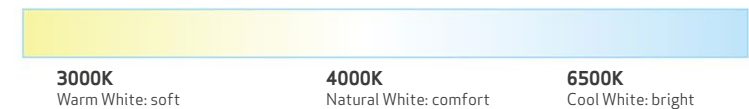
Total Power Consumption (Including LED & driver)	36 W	19 W	28 W
Total initial luminous flux	2600 lm	1700 lm	2550 lm
Light output ratio (L.O.R)	55%	90%	60%
Effective lumen	1430 Lm	1530 Lm	1530 Lm

Based on using directional fixtures, L.O.R=55%. ◆

STEP 4: Choose the color temperature



The unit of color temperature is "Kelvin or K" ◆
Higher Kelvin means cooler color temperature. ◆



T8 and T5 LED Series Lamps



T5 LED Lamp

Forest Lighting T5 LED Integrated Lamps are designed to perform efficiently in conditions where fluorescent, halogen and low voltage luminaires have traditionally been used. Our LED tubes incorporate integral drivers, are self-supporting, and can be surface-mounted. Individual units can be plugged together for continuous lengths up to 20 feet. Forest Lighting T5 LED Integrated Lamps connect directly to line voltage and can be used in any interior space.

FEATURES AND BENEFITS

- Operates directly from line voltage
- Usable as a stand alone fixture
- Units plug together
- Suitable for damp locations
- For use with G5 connectors
- Rated lifetime of 50,000 hrs



T8 LED Lamp

Forest Lighting T8 LED Lamp is designed to perform efficiently in places where old fashioned fluorescent lamps had been used. Our T8 LED tubes incorporate integral drivers, so out-moded failure-prone fluorescent ballasts are eliminated. Lighting systems are simplified. Forest Lighting T8 LED Lamps connect directly to line voltage for easy installation and are offered in two lengths, three wattages and many color temperatures.

FEATURES AND BENEFITS

- Operates directly from line voltage
- Compatible with voltages 100-277V
- Rated lifetime of 50,000 hrs
- Polycarbonate and Aluminum

T5 LED Series

MLS-MT5N06-6

Forest Lighting® INTEGRATED T5 TUBE
60CM 8W 4000K

MLS-MT5W06-6

Forest Lighting® INTEGRATED T5 TUBE
60CM 8W 6000K

MLS-MT5N06

Forest Lighting® INTEGRATED T5 TUBE
120CM 16W 4000K

MLS-MT5W06

Forest Lighting® INTEGRATED T5 TUBE
120CM 16W 6000K

T8 LED Series

MT8T2-7XK08-LSG

Forest Lighting® T8 GLASS TUBE
60CM 8W 3000K/6500K

MT8T4-7XK16-LSG

Forest Lighting® T8 GLASS TUBE
120CM 16W 3000K/6500K

MT8T4-7XK20-LSG

Forest Lighting® T8 GLASS TUBE
150CM 20W 3000K/6500K

MT8T2-7XK08-LSG02

Forest Lighting® T8 GLASS TUBE
60CM 8W 3000K/6500K

MT8T4-7XK16-LSG02

Forest Lighting® T8 GLASS TUBE
120CM 16W 3000K/6500K

MT8T4-7XK20-LSG02

Forest Lighting® T8 GLASS TUBE
150CM 20W 3000K/6500K

HOW TO CHOOSE YOUR LED DOWNLIGHT

STEP 1: Choose the lumens and power consumptions

LED Down light		Fixture product of Down light + CFL Lamp	
Power Consumption	Luminous Flux	Power Consumption	Luminous Flux
3W	150 lm	9W	150 Lm
5W	400 lm	15W	240 Lm
7W	560 lm	20W	300 Lm
9W	720 lm	30W	820 Lm
12W	960 Lm	36W	990 Lm
15W	1200 Lm	40W	1100 Lm
20W	1600 Lm	60W	1600 Lm

Based on using directional fixtures, L.O.R=55%
Reference by ES Requirements for integral LED lamps version 1.4

STEP 2: Choose your size

- 1** 2.5 inch
- 2** 3 inch
- 3** 3.5 inch
- 4** 4 inch
- 5** 5 inch
- 6** 6 inch
- 7** 8 inch

STEP 3: Choose the color temperature



The unit of color temperature is "Kelvin or K" ◆
Higher Kelvin means cooler color temperature. ◆



3000K
Warm White: soft

4000K
Natural White: comfort

6000K
Cool White: bright

Recessed Downlight 3000K Warm White



MLS-MD3S11-5

Forest Lighting® **5W** Recessed LED Downlight Warm White 3000 CCTK

MLS-MD5S11-12

Forest Lighting® **12W** Recessed LED Downlight Warm White 3000 CCTK

MLS-MD6S11-15

Forest Lighting® **15W** Recessed LED Downlight Warm White 3000 CCTK

Recessed Downlight 6000K Cold White

MLS-MD3W11-5

Forest Lighting® **5W** Recessed LED Downlight Cold White 6000 CCTK

MLS-MD5W11-12

Forest Lighting® **12W** Recessed LED Downlight Cold White 6000 CCTK

MLS-MD6W11-15

Forest Lighting® **15W** Recessed LED Downlight Cold White 6000 CCTK

MLS-MD8W11-20

Forest Lighting® **20W** Recessed LED Downlight Cold White 6000 CCTK



MLS-GU10S-5

Forest Lighting® LED GU10 5W
200-240V 50/60HZ WARM WHITE

Warm White: Soft



MLS-GU10W-5

Forest Lighting® LED GU10 5W
200-240V 50/60HZ COOL WHITE

Cool White: Bright

All pricing advertised excludes VAT. Pricing subject to change without notice. E&OE

LED STRIP LIGHTS



W5050X02-5M60R-D/WB

FOREST STRIP LIGHT 5M IP65 DC12V WP BLUE



W5050X02-5M60R-D/WR

FOREST STRIP LIGHT 5M IP65 DC12V WP RED



W5050X02-5M60R-D/G

FOREST STRIP LIGHT 5M IP20 DC12V NP GREEN

W5050X02-5M60R-D/R

FOREST STRIP LIGHT 5M IP20 DC12V NP RED

W5050X02-5M60R-D/WG

FOREST STRIP LIGHT 5M IP65 DC12V WP GREEN



W5050X02-5M60R-D/WCW

FOREST STRIP LIGHT 5M IP65 DC12V WP COOL WHITE



W5050X02-5M60R-D/B

FOREST STRIP LIGHT 5M IP20 DC12V NP BLUE

W5050X02-5M60R-D/CW

FOREST STRIP LIGHT 5M IP20 DC12V NP COOL WHITE

COREX

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Fax: +27 31 537 4988