Supports 8th generation Intel Core CPUs and up to three UHD displays

The Shuttle XPC Barebone SH370R6 shows how discreet a modern PC can look and at the same time how powerful it can be. Its black-brushed aluminium case has barely a volume of 14 litres, but packs everything you need for a high-performance workstation for example. This includes the power of 8th gen. Intel Core processors, a dual-slot graphics card, fast M.2 NVMe SSD drives, two 3.5'' hard drives in RAID and up to 64 GB of DDR4 memory, plus a Blu-ray drive. Even without a dedicated graphics card, up to three UHD displays are supported.

XPC cube Barebone
SH370R6

| 8th.Gen. Intel Core	4x DDR4 max. 64GB	M.2 2280 Support	Triple UHD Display

Feature Highlights

|	
R6 Chassis	• Black aluminium chassis (13.6-litre) Dimensions: 33.2 x 21.5 x 19.0 cm (LWH) • Bays: 1x 5.25", 2x 3.5" (1x external)
CPU	• Socket LGA 1151v2 supports the 8th generation Intel Core processors "Coffee Lake" Does not support older LGA 1151 processors. • Supports Intel Core i7/i5/i3, Pentium, Celeron • Shuttle I.C.E. Heatpipe cooling system
Operating System	• Supports Windows 10 and Linux (64-bit)
Integrated Graphics	• Intel UHD graphics 610/630 (in the processor) • Supports three digital UHD displays at once
Chipset	• Intel H370 PCH
Memory	• Supports up to 4x 16 GB DDR4-2400/2666 DIMM memory modules (total max. 64 GB)
Slots: PCI-Express and M.2	• 1x PCIe x16 (v3.0) supports dual-slot PCI-Express X16 graphics cards • 1x PCIe x4 (v3.0) • 1x M.2-2280 (SATA / PCIe X4) supports M.2 SSDs • 1x M.2-2230 supports WLAN cards
SATA	• 4x SATA 3.0 (6Gb/s) supports RAID and RST
Other Connectors	• Video: HDMI 2.0 and 2x DisplayPort 1.2 • 4x USB 3.1 Gen 2, 4x USB 3.1 Gen 1, 4x USB 2.0 • Intel Gigabit LAN. 5x Audio (2x front, 3x rear)
PSU	• Integrated power supply: **SH370R6:** 300 Watt (80 PLUS Bronze) **SH370R6 Plus:** 500 Watt (80 PLUS Silver)
Optional Accessories	• RS232 Serial COM-Port (H-RS232) • Wireless LAN 802.11ac + BT module (WLN-M) • 500 W Power Supply (PC63J)
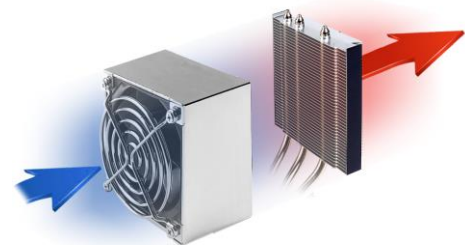
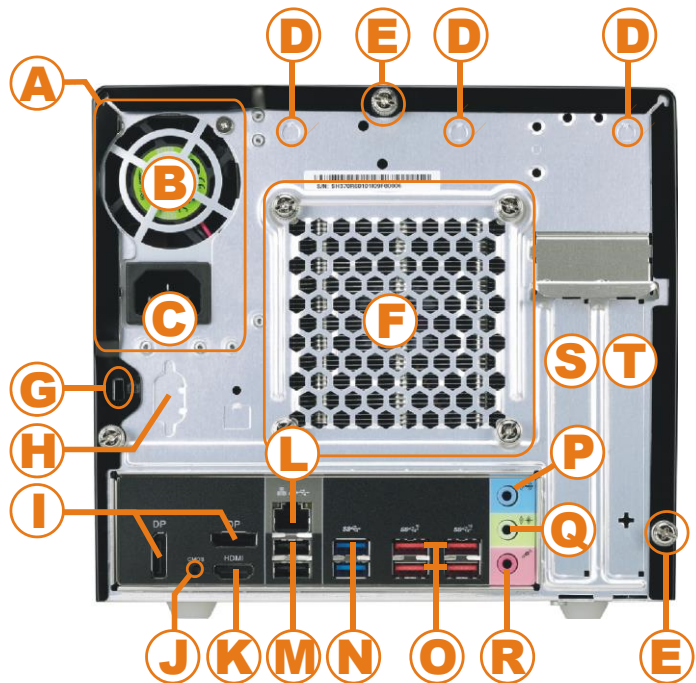**Shuttle I.C.E. Heatpipe cooling**

Images for illustration purposes only

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Shuttle XPC cube Barebone SH370R6 – Connectors

Front view
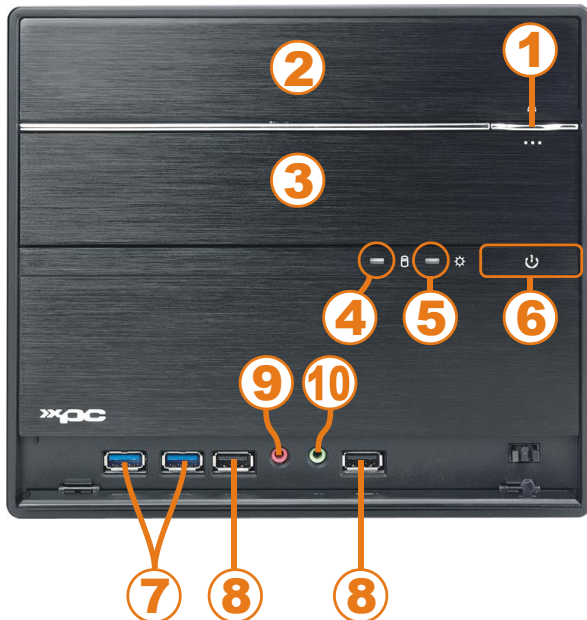
Rear view

1	Eject button (optical drive)	
2	5.25" bay (optical drive)	
3	3.5" bay	
4	Hard disk LED indicator	
5	Power LED indicator	
6	Power button	
7	2x USB 3.0 port	
8	2x USB 2.0 port	
9	Microphone input	
10	Headphone output	

A	Power supply
B	Power supply fan
C	AC power connector
D	Perforation for optional WLAN antennas
E	Three thumbscrews
F	Heatpipe cooling system
G	Hole for Kensington Lock
H	COM / RS232 (optional)
I	2x DisplayPort 1.2 output
J	Clear-CMOS-Button

K	HDMI 2.0 output
L	Gigabit LAN (RJ45)
M	2x USB 2.0
N	2x USB 3.1 Gen 1
O	4x USB 3.1 Gen 2
P	Audio Line-in
Q	Audio Line-out
R	Microphone input
S	PCI-Express X16 slot
T	PCI-Express X4 slot

## Shuttle XPC cube Barebone SH370R6 – Required Components

The following components need to be added to make it a fully-configured Mini PC:

**Gen. 8 Intel Core processor
Sockel LGA 1151v2 „Coffee Lake"
Core i7 / i5 / i3, Pentium
or Celeron**

**Three drive bays:
1 x 5.25" (external)
2 x 3.5" (1x internal, 1x external)
(Use accessory PHD3 to install
two 2.5" drives in a 3.5" bay)**

Example configuration (see photo):
1x 5.25" Blu-ray drive (SATA)
1x 3.5" hard disk (SATA)
1x 3.5" card reader (USB)
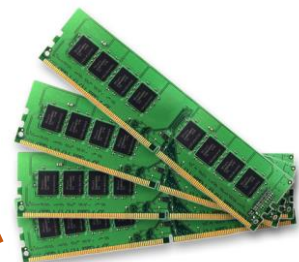
**Up to four DDR4-2666/2400
DIMM memory modules
max. 16 GB each**

**M.2 2280/2260/2242
SSD card
(NVMe or SATA)**

**Optional:
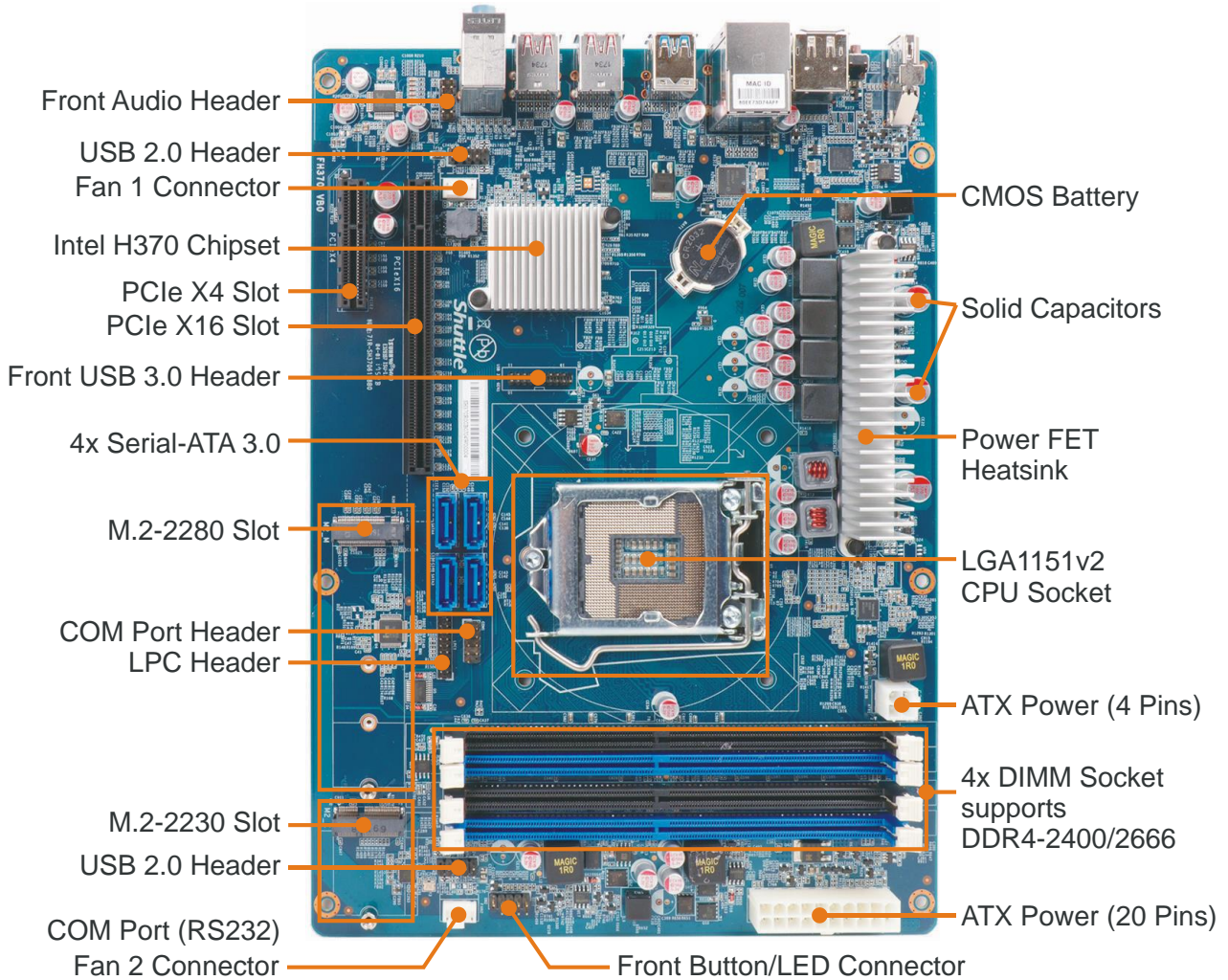2x PCI-Express expansion card (X16 + X4)**

Example configuration (see photo):
PCIe X16 slot: multiport graphics card
PCIe X4 slot: Dual 10Gb network card
Note: If a dual-slot (double-width) graphics cards is
used the second PCI-Express slot will be occupied.

Shuttle XPC cube Barebone SH370R6 – Mainboard

Back Panel Connectors

Front Audio Header
USB 2.0 Header
Fan 1 Connector
Intel H370 Chipset
PCIe X4 Slot
PCIe X16 Slot
Front USB 3.0 Header
4x Serial-ATA 3.0
M.2-2280 Slot
COM Port Header
LPC Header
M.2-2230 Slot
USB 2.0 Header
COM Port (RS232)
Fan 2 Connector

CMOS Battery
Solid Capacitors
Power FET Heatsink
LGA1151v2 CPU Socket
ATX Power (4 Pins)
4x DIMM Socket supports DDR4-2400/2666
ATX Power (20 Pins)
Front Button/LED Connector

Shuttle XPC cube Barebone SH370R6 – Product Features

The R6 chassis design: a clean and modern look

R6 is Shuttle's chassis design for the upper mid-range XPCs. Shuttle has always placed great emphasis on the interior and exterior aesthetics of the XPC cubes with the belief that a good blend of style and form factor will enable it to be attractive, versatile, and work well in almost any environment. The case cover is made of aluminium, while the drives and front panel connectors are elegantly hidden by drive doors for superior style and visual appeal.

Small, but easy to install

Shuttle XPC cubes offer the performance of a desktop PC at a third of the size while using standard desktop components. Shuttle keeps the concept of being "futureproof" in mind when designing the new R6 chassis. The meticulously designed internal layout already comes with cables fitted to reduce clutter, increase airflow and make the installation of components easy.

What is a Barebone?

The Shuttle XPC cube Barebone SH370R6 consists of a stylish case with pre-installed mainboard, power supply unit (PSU) and cables. Despite its small form factor, it offers outstanding connectivity, functionality and performance. For a full PC system, a processor, memory, mass storage and operating system need to be added. Shuttle XPC cube Barebones are completely customisable meaning users can pick certain components on their own to ideally match their individual needs.

Integrated Cooling Engine (I.C.E.)

In order to ensure proper airflow inside such a small case, more advanced cooling technologies have been developed and implemented in the Shuttle XPC. Shuttle's industry-leading I.C.E. heatpipe technology delivers efficient cooling and is exceptionally quiet.

Supports Intel "Coffee Lake" Processors

"Coffee Lake" is the codename for Intel's 8th Generation of Intel® Core™ Processors introduced in 2017/2018 along with the 300-Series chipsets. Coffee Lake CPUs are built using the second refinement of Intel's 14nm process (14++) and are a landmark in the number of cores of their mainstream desktop processors. The 8000 series processors feature up to 6 cores and 12 threads with up to 12 MB of cache memory. The Shuttle XPC cube Barebone SH370R6 supports the desktop version "Coffee Lake-S" with socket LGA1151v2, while the previous generations with LGA1151 are not compatible.

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Internal Drives

Up to one optical drive and two hard disks can be fitted in the Shuttle XPC cube Barebone SH370R6. To reduce heat and improve on airflow, the drive rack built leaves space between the hard disks. Intelligently-engineered airflow mechanics channels cool air to where it is needed the most to protect components and provide optimal performance.
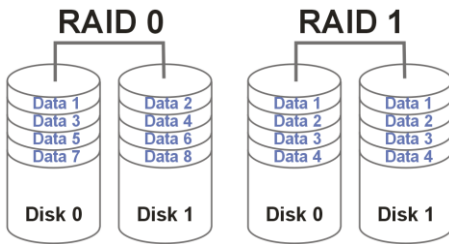
Intel Rapid Storage Technology - RAID support

Intel® Rapid Storage Technology offers new levels of protection, performance and expandability for desktop platforms. No matter if one or multiple hard drives are used, users take advantage of enhanced performance and lower power consumption. Valuable data is protected from hard drive failure, if the system is configured in any of these three fault-tolerant RAID configurations: RAID 1, RAID 5, and RAID 10. By seamlessly storing copies of data on one or more additional hard drives, any hard drive may fail without loss of data or system downtime. Once the defective drive is removed and a replacement hard drive is installed, data security is guaranteed again.

Supports up to 64 GB DDR4 memory

The Shuttle XPC cube Barebone SH370R6 supports up to 64 GB of DDR4-2400/2666 memory which is ideal for workstations powered by 64-bit operating systems, so users take full advantage of high-performance configurations. Compatible memory comes in 288-pin DIMM modules at 1.2V operating voltage, while the predecessor DDR3 is 240-pin at 1.5V operating voltage. For DDR3L it is 1.35V.

M.2-2280-Slot for SSD cards (Intel® Optane™ Ready)

The M.2-2280M slot supports both NVMe and SATA M.2 SSDs.
Type 2280 means, it supports the usual M.2 cards with a width of 22mm and a length of 80mm, but also 2242 and 2260 standard cards are supported.
This slot also supports Intel® Optane™ SSDs with 3D-Xpoint memory which boosts speed of one hard disk through data caching.

M.2-2230-Slot for optional WLAN

The M.2-2230E slot is intended for Wireless LAN (Wifi), Bluetooth, GSM/UMTS cards and other.
Shuttle offers the optional accessory „WLN-M" (see picture on the left), which adds WLAN 802.11ac and Bluetooth 4.0 to your Shuttle XPC cube Barebone SH370R6.
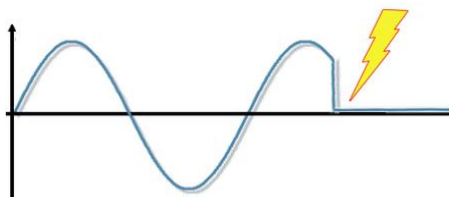
Power-on-after-Power-fail

The BIOS setup provides a "Power-On-after-Power-Fail" function that can be found under "Power Management Configuration". As the name indicates, this function determines the PC's behaviour after power failure: (1) unconditional power on, (2) restore former status or (3) keep system turned off.

Graphics Features

Built-in Intel® UHD Graphics Engine

The integrated Intel® UHD Graphics depends on the type of processor used and supports hardware decoding for HEVC (4K/H.265) video, Intel® Quick-Sync video encoding, 2160p high-definition resolution, HDCP, Blu-ray*) playback, DirectX 12, OpenGL 4.5 and up to 64 GB shared graphics memory. The graphics performance is comparable to entry-level discrete graphics cards.

*) appropriate software and optical drive required

Supports 4K Ultra-HD video playback

4K resolution is a technological milestone in high-definition contentand is more than four times the pixel density of 1080p Full HD. The Shuttle XPC cube Barebone SH370R6 supports playback of 4K Ultra-HD video content at 2160p/60Hz.

Triple UHD Display with HDMI 2.0 and 2x DisplayPort

The Shuttle XPC cube Barebone SH370R6 features three digital video outputs: 1x HDMI 2.0 and 2x DisplayPort 1.2. Triple View technology brings you multiple display support on up to three separate monitors at Ultra-HD resolution. This helps improve on productivity by allowing for spreading multiple windows across three monitors while working with them simultaneously.

Connect even more displays with a discrete graphics card

The Shuttle XPC cube Barebone SH370R6 supports at least five displays in combination with a discrete PCI-Express graphics card, based on the Switchable Graphics feature. Expand your Windows desktop across many monitors, but note it does not support a 2x2 configuration or clone mode with the monitors connected.

### PCI-Express V3.0 for high-performance graphics cards

Thanks to the optimised internal layout, the XPC cube Barebone SH370R6 even takes large dual-slot graphics cards. The modern PCI Express V3.0 x16 interface makes sure there is no bottleneck when gaming or working with 3D applications. This barebone PC also features an additional 6-pin ATX auxiliary power connector for top-of-the-range graphics cards.

Optional Accessories

WLAN-Kit (WLN-M)

Shuttle offers the optional accessory „WLN-M", which adds WLAN 802.11ac and Bluetooth 4.0 to your Shuttle XPC cube Barebone SH370R6.
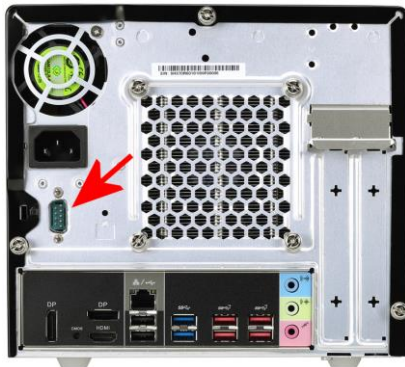
Serial RS-232 port (H-RS232)

One serial COM port (RS232) can optionally be installed in the back panel. This is particularly relevant for professional applications such as electronic POS, industrial automation systems and scientific analysis.

500W Power Supply with 80 PLUS Silver Logo (PC63J)

The PC63J is a high-end power supply with a maximum output wattage of 500W. It features additional 6-pin and 8-pin ATX auxiliary power connectors for high-end graphics cards. Thanks to its 80 PLUS Silver certification for power-efficient devices, this power supply is also suitable for ENERGY STAR® compliant systems.

Adapter for 2.5" drives (PHD3)

The PHD3 allows for installation of one or two 63.5mm (2.5") hard drives or SSDs into a larger 89 mm (3.5") drive bay.

Shuttle XPC cube Barebone SH370R6 - Specifications

R6-Chassis	Chassis Black aluminium chassis Front panel: glossy plastic with horizontal line textures Storage bays: 1 x 5.25" (external), 2 x 3.5" (1x internal, 1x external) Using the optional accessory PHD3 two 2.5" drives can be installed into one 3.5" bay. Front doors for I/O ports and storage drives Kensington Security Slot at the back panel (also called K-Slot or Kensington lock) as a part of an anti-theft system Dimensions: 33.2 x 21,5 x 19.0 cm (LWH without feet) = 13.6-litre Height with rubber feet: 19.7 cm Weight: 3.5 kg net / 4.5 kg gross
Mainboard and Chipset	Shuttle mainboard FH370, Shuttle form factor, proprietary design for XPC SH370R6 Chipset/Southbridge: Intel® H370 Passive chipset cooling with heat sink The Northbridge is integrated in the processor. Solid Capacitors for sensitive areas provide excellent heat resistance for enhanced system durability.
BIOS	AMI BIOS, SPI Interface, 16 MB Flash-EPROOM Supports PnP, ACPI 3.0, Hardware Monitoring Supports Firmware-TPM (fTPM) v2.0 Supports boot up from external USB flash memory Supports Unified Extensible Firmware Interface (UEFI)
Power Supply	Built-in 300 Watt mini switching power supply (model PC61J) AC input voltage: 100~240V, 50~60 Hz 80 PLUS Bronze compliant: The PSU provides at least 82/85/82% of efficiency at 20/50/100% of load. Active PFC circuit (Power Factor Correction) ATX main power connectors: 2x10 and 2x2-pin Graphics power connector: 6-pin Other connectors: 4x SATA, 2x Molex, 1x Floppy
Operating System	This system comes without operating system. It is compatible with Windows 10 and Linux (64-bit).

Processor Support	Processor Socket LGA 1151v2 Supports Intel Core i7 / i5 / i3, Pentium and Celeron processors Supports the 8th generation Intel Core processors, code name "Coffee Lake-S" in 14++ nm process technology Maximum supported processor power consumption (TDP) = 95 W Up to 6 CPU cores, 12 threads and 12 MB of L3 cache Does not support the unlock-function of Intel K-Series processors. Not compatible with older Socket LGA 1151 processors (6th Gen. "Skylake" and 7th Gen. "Kaby Lake"). The processor integrates PCI-Express, memory controller and the graphics engine on the same die (performance features depending on processor type) Please refer to the support list for detailed processor support information at global.shuttle.com.
Heatpipe Processor Cooling	Shuttle I.C.E. (Integrated Cooling Engine) advanced I.C.E. heatpipe technology, linear-controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow
Memory Support	4x 288-pin slot Supports DDR4-2400/2666 memory (PC4-19200/21300) at 1.2V Supports Dual Channel mode Supports max. 16 GB per DIMM, maximum total size of 64 GB
PCIe Slots	1x PCI-Express x16 v3.0 slot 1x PCI-Express x4 v3.0 slot, open-ended Supports dual-slot (double-width) graphics cards (occupies the second PCI-Express slot) With 6-pin power connector for graphics card.
M.2-2280M SSD slot	The M.2 2280M slot provides the following interfaces: - PCI-Express Gen. 3.0 X4, supports NVMe - SATA v3.0 (max. 6 Gbps) It supports M.2 cards with a width of 22 mm and a length of 42, 60 or 80 mm (type 2242, 2260, 2280). Supports M.2 SSDs with SATA or PCI-Express interface
M.2-2230E slot for WLAN cards	M.2-2230E slot for WLAN cards Interfaces: PCI-Express Gen. 2.0 X1 und USB 2.0 Supports M.2 cards with a width of 22 mm and a length of 30 mm (type 2230) Supports WLAN extension cards (optional Shuttle accessory: WLN-M)
Intel® Optane™ Ready	The SH370R6 supports Intel® Optane™ Technology which boosts speed of one hard disk through data caching. This requires an Optane-SSD with 3D-Xpoint memory (e.g. in M.2 format).

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Integrated Graphics (optional)	The features of the integrated Intel UHD graphics function depend on the processor type used. Supports DirectX 12, OpenGL 4.5 The PC features three video outputs which support 1080p/60 and 2160p/60: - 1x HDMI v2.0 - 2x DisplayPort v1.2 Supports displays with 4K Ultra HD resolution at 3840 x 2160 Supports three independent displays with the integrated graphics function Supports more displays in combination with a discrete graphics card Supports Blu-ray (BD) playback with HDCP content protection [1] Hardware video decoding/encoding: H.264, H. 265 (8- and 10-bit, encoding via QuickSync), VP9 (10-bit VP9 can only be decoded) DisplayPort and HDMI support multi-channel digital audio over the same cable Maximum shared memory of 64 MB
6-Channel Audio	Audio Codec: Realtek ALC662, 5.1 channel Three analog audio connectors (3.5mm) on the back panel: Line-in (blue), line-out (green) and microphone input (pink) shared with 5.1 channel line-out (front, rear, center/bass) Front panel: microphone input and head phone output (line-out)
Gigabit-LAN Controller	Intel i211 LAN controller Supports 10 / 100 / 1.000 MBit/s operation Supports WAKE ON LAN (WOL) Supports network boot by Preboot eXecution Environment (PXE)
Drive Connectors	4x Serial ATA 6G connector onboard (rev. 3.0, max. 6 Gbit/s) Supports Intel Rapid Storage Technology (RST) with RAID 0/1/5/10, JBOD)
Front Panel Connectors	Front Panel connectors and buttons Microphone input (3.5 mm) Headphones output (3.5 mm) 2x USB 3.0 (Type A, USB 3.1 Gen 1) 2x USB 2.0 (Type A) Power button Power indicator (Blue LED) Hard disk drive indicator (Yellow LED)
Back Panel Connectors	1x HDMI 2.0 (digital video and audio) 2x DisplayPort 1.2 (digital video and audio) [2] 4x USB 3.1 (USB 3.1 Gen 2, Type A, red) 2x USB 3.0 (USB 3.1 Gen 1, Type A, blue) 2x USB 2.0 (Type A, black) Gigabit LAN (RJ45) Audio Line-out (3.5 mm) Audio Line-in (3.5 mm) Microphone Input (3.5 mm) Clear CMOS button Optional: Serial RS232 port (Accessory: "H-RS232") Perforations for optional WLAN antennas

Other Connectors (onboard)	Occupied front panel connectors for USB, audio, buttons, LEDs 1x RS232 serial interface (2x5 pin header) 2x fan connectors (4 pins) 2x USB 2.0 (2x5 pin header)
Included Accessories	Multi-language XPC Installation Guide (EN, DE, FR, ES, JP, KR, SC, TC) Windows 64-bit driver disk 2x Serial ATA cables AC Power Cord (with protective-earth contacts) Heatsink Compound Protector cap for the CPU socket (do not use if heatpipe or fan is mounted) Bag with screws
Optional Accessories	Back panel adapter for serial RS232 port (H-RS232) WLAN IEEE 802.11ac/BT4.0 kit with two external antennas (WLN-M) Adapter for 2.5" drives such as SSDs (PHD3) 500W power supply, 80Plus Silver (PC63J)
Environmental criteria	Operating temperature range: 0~40°C Humidity: 10~90%
Certifications Compliance	EMI: FCC, CE, BSMI, C-Tick Safety: ETL, CB, BSMI Other: RoHS, Energy Star 5.0, ErP This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office. The CE-mark approves the conformity by the EU directives: (1) 2004/108/EC relating to electromagnetic compatibility (EMC), (2) 2006/95/EC relating to Electrical Equipment designed for use within certain voltage limits (LVD), (3) 2009/125/EC relating to ecodesign requirements for energy-related products (ErP)

[1] For Blu-ray playback appropriate software and a Blu-ray drive is required (not included).

[2] How to convert DisplayPort to HDMI/DVI
The DisplayPort output can be converted to HDMI or DVI by an additional, passive adapter cable. For example:
DELOCK 82590: 1m, DisplayPort (male, 20p) to HDMI-A (male, 19p)
DELOCK 82435: 5m, DisplayPort (male, 20p) to DVI-D (male, 24p)
The integrated graphics automatically detects the connected display and puts out the appropriate electric signal - either DisplayPort (without an adapter) or HDMI/DVI (with an adapter).
However, a monitor with a DisplayPort connector cannot be connected to the HDMI port with a simple, passive adapter.

SH370R6 versus SH170R6
Comparison with the predecessor

Barebone Model	SH370R6 SH370R6 Plus	SH170R6 SH170R6 Plus
Back Panel		
Intel Processor Support	LGA1151v2, max. 95W 14nm Coffee Lake (8th Gen. Core CPUs) Intel Core i7, i5, i3, Pentium, Celeron	LGA1151, max. 95W 14nm Skylake (6th Gen. Core CPUs) 14nm Kaby Lake (7th Gen. Core CPUs) Intel Core i7, i5, i3, Pentium, Celeron
Operation System	Windows 10 and Linux (64-bit)	Windows 7, 8.1, 10 and Linux (64-bit) Windows 7+8.1 only with Skylake CPUs
Chipset	Intel H370	Intel H170
Memory	Max. 4x 16 GB DDR4-2400/2666	Max. 4x 16 GB DDR4-2133/2400
PCI-Express Slots	(1x) PCIe X16 v3.0 (1x) PCIe X4 v3.0	(1x) PCIe X16 v3.0 (1x) PCIe X4 v3.0
Mini-Slots	1x M.2-2280M (PCIe X4, SATA) 1x M.2-2230E (PCIe X1, USB 2.0)	1x M.2-2280M (PCIe X4, SATA) 1x M.2-2230E (PCIe X1, USB 2.0)
Front Panel	Power Button, Power LED, HDD LED Microphone-in, Headphones-out 2x USB 3.1 Gen 1, 2x USB 2.0	Power Button, Power LED, HDD LED Microphone-in, Headphones-out 2x USB 3.1 Gen 1, 2x USB 2.0
Back Panel	HDMI 2.0, 2x DisplayPort 1.2, 4x USB 3.1 Gen 2, 2x USB 3.1 Gen 1, 2x USB 2.0, Gigabit LAN (Intel i211) 3x Audio, Clear-CMOS-Button	HDMI 1.4b, 2x DisplayPort 1.2, 6x USB 3.1 Gen 1, Gigabit LAN (Intel i219LM) 5x Audio, Clear-CMOS-Button
Multi Display	Supports Triple Display All outputs at 2160p/60Hz	Supports Triple Display 2x DisplayPort at 2160p/60Hz
SATA onboard	4x SATA 6G	4x SATA 6G 1x eSATA 6G
Power Supply	**SH370R6:** 300 W 80 PLUS Bronze **SH370R6 Plus:** 500 W 80 Plus Silver	**SH170R6:** 300 W 80 PLUS Bronze **SH170R6 Plus:** 500 W 80 Plus Silver
Optional Accessories	500W Power Supply (**PC63J**) RS232 COM port (**H-RS232**) WLAN kit 802.11n/ac+BT (**WLN-M**) 2.5" drive kit (**PHD3**)	500W Power Supply (**PC63J**) RS232 COM port (**H-RS232**) WLAN kit 802.11n/ac+BT (**WLN-M**) 2.5" drive kit (**PHD3**)

8th Generation Intel Core Desktop Processor Family

Socket LGA1151v2 14nm++ "Coffee Lake S" processor overview (Date: May 2018)

Name	Model	Cores/ Threads	CPU Clock	Turbo Clock	Smart Cache	TDP	Memory Support	Graphics Engine (clock in MHz)
Core i7	8700K	6 / 12	3.7 GHz	4.7 GHz	12 MB	95 W	DDR4-2666	UHD 630, 350~1200 MHz
	8700	6 / 12	3.2 GHz	4.6 GHz	12 MB	65 W	DDR4-2666	UHD 630, 350~1200 MHz
	8700T	6 / 12	2.4 GHZ	4.0 GHz	12 MB	35 W	DDR4-2666	UHD 630, 350~1200 MHz
Core i5	8600K	6 / 6	3.6 GHz	4.3 GHz	9 MB	95 W	DDR4-2666	UHD 630, 350~1150 MHz
	8600	6 / 6	3.1 GHz	4.3 GHz	9 MB	65 W	DDR4-2666	UHD 630, 350~1150 MHz
	8600T	6 / 6	2.3 GHz	3.7 GHz	9 MB	35 W	DDR4-2666	UHD 630, 350~1150 MHz
	8500	6 / 6	3.0 GHz	4.1 GHz	9 MB	65 W	DDR4-2666	UHD 630, 350~1100 MHz
	8500T	6 / 6	2.1 GHz	3.5 GHz	9 MB	35 W	DDR4-2666	UHD 630, 350~1100 MHz
	8400	6 / 6	2.8 GHz	4.0 GHz	9 MB	65 W	DDR4-2666	UHD 630, 350~1050 MHz
	8400B	6 / 6	2.8 GHz	4.0 GHz	9 MB	65 W	DDR4-2666	UHD 630, 350~1050 MHz
	8400T	6 / 6	1.7 GHz	3.3 GHz	9 MB	35 W	DDR4-2666	UHD 630, 350~1050 MHz
Core i3	8350K	4 / 4	4.0 GHz	–	8 MB	91 W	DDR4-2400	UHD 630, 350~1150 MHz
	8300	4 / 4	3.7 GHz	–	8 MB	62 W	DDR4-2400	UHD 630, 350~1150 MHz
	8300T	4 / 4	3.2 GHz	–	8 MB	35 W	DDR4-2400	UHD 630, 350~1150 MHz
	8100	4 / 4	3.6 GHz	–	6 MB	65 W	DDR4-2400	UHD 630, 350~1100 MHz
	8100T	4 / 4	3.1 GHz	–	6 MB	35 W	DDR4-2400	UHD 630, 350~1100 MHz
Pentium Gold	G5600	2 / 4	3.9 GHz	–	4 MB	51 W	DDR4-2400	UHD 630, 350~1100 MHz
	G5500	2 / 4	3.8 GHz	–	4 MB	51 W	DDR4-2400	UHD 630, 350~1100 MHz
	G5500T	2 / 4	3.2 GHz	–	4 MB	35 W	DDR4-2400	UHD 630, 350~1100 MHz
	G5400	2 / 4	3.7 GHz	–	4 MB	51 W	DDR4-2400	UHD 630, 350~1050 MHz
	G5400T	2 / 4	3.1 GHz	–	4 MB	35 W	DDR4-2400	UHD 630, 350~1050 MHz
Celeron	G4920	2 / 2	3.2 GHz	–	2 MB	54 W	DDR4-2400	UHD 610, 350~1050 MHz
	G4900	2 / 2	3.1 GHz	–	2 MB	54 W	DDR4-2400	UHD 610, 350~1050 MHz
	G4900T	2 / 2	2.9 GHz	–	2 MB	35 W	DDR4-2400	UHD 610, 350~1050 MHz

K = unlocked, **T** = Power optimized lifestyle, **TDP** = Thermal Design Power (max. power consumption).
Note: The Shuttle XPC cube Barebone SH370R6 does not support the unlock-function of Intel K-Series processors.
Please refer to the support list for detailed processor support information at global.shuttle.com.