



Supernico Workstation Solutions

ABC SYSTEMS AG

APPLIED BRAINWARE & COMPUTER SYSTEMS



Promotion Models:

SYS-5049A-TR

SYS-5039A-I

SYS-5039A-IL

SYS-5049A-T

SYS-5039C-T

SYS-5039C-I

\$0~\$4999

8% off

\$5000~\$9999

5% off

\$10,000+

3% off

MKT0000007153

MKT0000007152

MKT0000007151

Marketing portal : Internal Communications > Worldwide Complete System Promotion



Supermicro Workstation Product Lineup

Expert



NEW

SYS-5049A-T

MB: X11SPA-TF
Chassis: CSE-743AC-1200B-SQ

- UP Intel® Xeon Scalable Family (LGA3647), up to 205W TDP with Intel® C621 chipset
- 12x DDR4 ECC RDIMM/LRDIMM
- 7x PCIe3.0x16, up to 2x double-width GPU cards
- 8x hot-swappable 3.5" drive bays, 4x M.2 M-key
- 1200W 80PLUS Platinum Power Supply

NEW

SYS-5049A-TR

MB: X11SPA-T
Chassis: CSE-747BTQ-R2K20BP

- UP Intel® Xeon Scalable Family/ W-32XX series(LGA3647), up to 205W TDP with Intel® C621 chipset
- 12x DDR4 ECC RDIMM/LRDIMM
- 7x PCIe3.0x16, up to 4x double-width GPU cards
- 8x hot-swappable 3.5" drive bays, 4x M.2 M-key
- 1+1 2200W Redundant 80PLUS Titanium Power Supply



SYS-540A-TR

MB: X12SPA-TF
Chassis: CSE-747BTQ-R2K20BP

- Intel P+ Socket (LGA 4189) Processors, with Intel® C621A chipset
- 16x DDR4 DIMM slots, up to 4TBGB
- 7x PCIe4.0x16, up to 4x double-width GPU cards
- 8x hot-swappable 3.5" drive bays, 4x M.2 M-key
- 1+1 2200W Redundant 80PLUS Titanium Power Supply

Mainstream

SYS-5039A-I

MB: X11SRA
Chassis: CSE-732D3-903B

- UP Intel® Xeon W Family (LGA2066), up to 140W TDP with Intel® C422 chipset
- 8x DDR4 DIMM slots
- 3x PCIe 3.0x16, 1x PCIe 3.0x4
- 4x 3.5" internal drive bays, 2x M.2 M-key slots
- 900W 80PLUS Gold Power Supply



SYS-5039AD-I

MB: C9X299-PGF
Chassis: CSE-GS5A-754B

- UP Intel® Core X-series, R4 (LGA2066), TDP up to 165W with Intel® X299 chipset
- 8x DDR4 non-ECC UDIMM
- 4x PCIe 3.0x16, 1x PCIe 3.0x1
- 750W 80Plus Gold PSU



Entry-Level

SYS-5039A-IL

MB: X11SAE
Chassis: CSE-732D4-500B

- UP Intel® Xeon® E3-1200v6/v5, Intel 6th/7th Core™ i7/i5/i3, H4 (LGA1151), with Intel® C236 chipset
- 4x DDR4 DIMM slots
- 2x PCIe 3.0x16, 2x PCIe 3.0x1, 2x PCI 32bit, 4x 3.5" internal drive bays
- 1x DVI-D, 1x HDMI, 1x DP, support 3 displays
- 500W 80PLUS Bronze Power Supply

SYS-5039C-T

MB: X11SCA
Chassis: CSE-732D4-500B

- UP Intel® Xeon® E Family/ 8th Intel Core i3/Pentium/CLN, H4 (LGA1151), up to 95W TDP with Intel® C246 chipset
- 4x DDR4 ECC UDIMM
- 2x PCIe3.0x16, 1x PCIe 3.0x4, 1x PCIe 3.0x1, 1x PCI 32bit, 1x M.2 E-key, 1x U.2
- 4x3.5" internal drive bays, 2x M.2 M-key
- 1x DVI-D, 1x HDMI2.0a, 1x DP1.2, support 3 displays
- 500W 80PLUS Bronze Power Supply



SYS-530A-IL

MB: X12SAE
Chassis: CSE-735D4-668

- UP Intel® Comet Lake-S, LGA1200, with Intel® W480 chipset
- 4x DDR4 DIMM slots, up to 128GB
- 2x PCIe 3.0x16, 1x PCIe 3.0x4, 1x PCIe3.0 x1, 1x PCI 32bit, 4x 3.5" internal drive bays, 2x M.2 M-key
- 1x HDMI 2.0a, 1x DP1.2
- 668W 80PLUS Platinum Power Supply











Available

2019

2020 Q2+

Cost-Effective Single-Processor Workstation

PRODUCT FEATURES			
 System	 Memory	 Power	 Management
Mid-Tower Form Factor	4 DDR4 DIMM slots support up to Up to 128GB ECC DDR4-2933 UDIMM	500W 80PLUS Bronze Power supply	Intel vPro
 Processors	 Drives	 I/O	 GPU
Single Intel® Xeon® E-2100/2200 Series processors up to 8 cores	Supports 2x M.2 NVMe; 8x SATA drives	Dual GbE LAN ports onboard	Supports single GPU

SYS-5039C-T



Performance Single-Processor Workstation








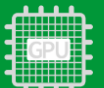
PRODUCT FEATURES

System	Memory	Power	Management
Mid-Tower Form Factor	8 DDR4 DIMM slots support up to Up to 1TB Registered ECC DDR4-2933	900W 80PLUS Gold Power supply	Intel vPro
Processors	Drives	I/O	GPU
Single Intel® Xeon® W-2200 Series processors up to 18 cores	Supports up to 2x M.2 NVMe; 1x U.2 NVMe; 6x SATA drives	5GbE LAN and GbE LAN ports onboard	Supports up to dual GPU

SYS-5039A-I



Performance High-end Desktop

PRODUCT FEATURES			
 System	 Memory	 Power	 Management
Mid-Tower Form Factor	8 DDR4 DIMM slots support up to 256 non-ECC UDIMM	750W 80PLUS Gold Power supply	Open Industry Standard IPMI
 Processors	 Drives	 I/O	 GPU
Single Intel® Core-X Series processors up to 18 cores	Supports up to 2x M.2 NVMe; 1x U.2 NVMe; 6x SATA drives	5GbE LAN and GbE LAN ports onboard	Supports up to dual GPU

SYS-5039AD-I



High Performance Single-Processor Workstation

SYS-5049A-T

PRODUCT FEATURES			
<p>System</p>	<p>Memory</p>	<p>Power</p>	<p>Management</p>
Full-Tower or 4U Rackmount Form Factor	12 DDR4 DIMM slots support up to Up to 3TB Registered ECC DDR4-2933	1200W 80PLUS Platinum Power supply	Open Industry Standard IPMI
<p>Processors</p>	<p>Drives</p>	<p>I/O</p>	<p>GPU</p>
Single Intel® Xeon® Scalable processor up to 28 cores	Supports up to 4x M.2 NVMe; 8x SATA drives	10GbE LAN GbE LAN Dedicated IPMI LAN	Supports up to dual GPU



High Performance Single-Processor Workstation








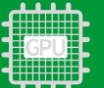
SYS-5049A-TR

PRODUCT FEATURES			
<p>System</p>	<p>Memory</p>	<p>Power</p>	<p>Management</p>
Full-Tower or 4U Rackmount Form Factor	12 DDR4 DIMM slots support up to Up to 3TB Registered ECC DDR4-2933	Redundant 2200W 80PLUS Platinum Power supply	Open Industry Standard IPMI
<p>Processors</p>	<p>Drives</p>	<p>I/O</p>	<p>GPU</p>
Single Intel® Xeon® Scalable processor up to 28 cores	Supports up to 4x M.2 NVMe; 8x SATA drives	10GbE LAN GbE LAN Dedicated IPMI LAN	Supports up to four GPU



High-Performance Dual-Processor Workstation

SYS-7039A-I

PRODUCT FEATURES			
 System	 Memory	 Power	 Management
Mid-Tower Form Factor	16 DDR4 DIMM slots support up to Up to 4TB Registered ECC DDR4-2933	1200W 80PLUS Platinum Power supply	Open Industry Standard IPMI
 Processors	 Drives	 I/O	 GPU
Dual or single Intel® Xeon® Scalable processors up to 56 cores	Supports up to 1x M.2 NVMe; 8x SATA drives; U.2 optional	2x GbE LAN ports	Supports up to dual GPU



High-Performance Dual-Processor Workstation

SYS-7039A-T

PRODUCT FEATURES			
<p>System</p>	<p>Memory</p>	<p>Power</p>	<p>Management</p>
Mid-Tower Form Factor	16 DDR4 DIMM slots support up to Up to 4TB Registered ECC DDR4-2933	1200W 80PLUS Platinum Power supply	Open Industry Standard IPMI
<p>Processors</p>	<p>Drives</p>	<p>I/O</p>	<p>GPU</p>
Dual or single Intel® Xeon® Scalable processors up to 56 cores	Supports up to 1x M.2 NVMe; 8x SATA drives; U.2 optional	2x GbE LAN ports	Supports up to dual GPU



Manufacturing and Product Design

Whether you are building complex 3D models, rendering photo-realistic designs, or simulating product performance, Supermicro Workstation solutions have the best product selections and configurations to accelerate your productivity.

Recommended Configurations:



	For Design and Modeling	For smaller Electromagnetics, CFD and Mechanical simulations	For larger Electromagnetics, CFD and Mechanical simulations
Barebone	Supermicro SYS-5039A-I	Supermicro SYS-5049A-T	Supermicro SYS-7039A-I
Processor	Intel® Xeon® W-2265, 12 cores at 3.5Ghz	Intel® Xeon® Scalable processor Gold 6212U, 24 Core at 2.4Ghz	Dual Intel® Xeon® Scalable processor Gold 6238R, 28 Core at 2.2Ghz
CPU Frequency	3.5Ghz base / 4.8Ghz turbo	2.4Ghz base / 3.7Ghz turbo	2.2Ghz base / 4.0Ghz turbo
Memory	128GB DDR4-2933 ECC Registered Memory	192GB DDR4-2933 ECC Registered Memory	256GB DDR4-2933 ECC Registered Memory
Graphics	NVIDIA® Quadro® P2200	NVIDIA® Quadro® RTX 4000	NVIDIA® Quadro® RTX 6000
Primary Storage	1TB M.2 NVMe	1TB M.2 NVMe	2x 1TB M.2 NVMe in RAID 0
Secondary Storage	6TB 3.5" SATA HDD	3x 6TB 2.5" SATA SSD	2x 2TB 2.5" SATA SSD in RAID 0 or 1
Front I/O	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset
Network	Intel® I219LM GbE LAN Aquantia AQC108 5GbE LAN	Intel® I210-AT GbE LAN Aquantia AQC107 10GbE LAN GbE LAN for IPMI	Dual Intel GbE LAN
Available Expansion	2x PCIe x16 1x PCIe x4	5x PCIe x16	3x PCIe x16 1x PCIe x8

Media and Entertainment

Major movie studios, post houses and VFX studios select Supermicro server solutions for reliability, performance and scalability. Supermicro now delivers the same features and values in certified workstation solutions.

Recommended Configurations:



	For 3D Modeling and Animations	For Rendering	For Larger Rendering
Barebone	Supermicro SYS-5039A-I	Supermicro SYS-5049A-T	Supermicro SYS-7049A-T
Processor	Intel® Xeon® W-2255, 10 cores at 3.7Ghz	Intel® Xeon® Scalable processor Gold 6212U, 24 Core at 2.4Ghz	Dual Intel® Xeon® Scalable processor Gold 6230R, 26 Core at 2.4Ghz
CPU Frequency	3.7Ghz base / 4.7Ghz turbo	2.4Ghz base / 3.7Ghz turbo	2.1Ghz base / 4.0Ghz turbo
Memory	64GB DDR4-2933 Registered ECC	128GB Registered ECC DDR4-2933 Memory	128GB DDR4-2933 Registered ECC
Graphics	NVIDIA® Quadro® RTX4000	NVIDIA® Quadro® RTX 5000	NVIDIA® Quadro® RTX 6000
Primary Storage	1TB M.2 NVMe	2x 1TB M.2 NVMe in RAID 0	2x 1TB M.2 NVMe in RAID 0
Secondary Storage	2x 6TB 3.5" SATA HDD	4x 6TB 2.5" SATA SSD	4x 2TB 2.5" SATA SSD
Front I/O	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset
Network	Intel® I219LM GbE LAN Aquantia AQC108 5GbE LAN	Intel® I210-AT GbE LAN Aquantia AQC107 10GbE LAN GbE LAN for IPMI	Intel® I219LM GbE LAN Aquantia AQC108 5GbE LAN
Available Expansion	2x PCIe x16 1x PCIe x4	5x PCIe x16	2x PCIe x16 1x PCIe x4



Architecture, Engineering and Construction

Powered by NVIDIA® Quadro® professional GPUs, high clock frequency Intel® Core™ processor, and enterprise-grade NVMe storage, Supermicro Workstations are fast, reliable, and cost-effective for your business needs.

Recommended Configurations:



	For 2D Design	For 3D Modeling and Animation
Barebone	Supermicro SYS-5039C-T	Supermicro SYS-5039AD-I
Processor	Intel® Xeon® E-2286, 6 cores at 4.0Ghz	Intel® Core™ i9-10900X processor , 10 Core at 3.7Ghz
CPU Frequency	4.0Ghz base / 4.9Ghz turbo	3.7Ghz base / 4.7Ghz turbo
Memory	32GB DDR4-2933 ECC UDIMM	64GB DDR4-2933 non-ECC UDIMM Memory
Graphics	NVIDIA® Quadro® P2200	NVIDIA® Quadro® RTX 4000
Primary Storage	512GB M.2 NVMe	1TB M.2 NVMe
Secondary Storage	2TB 3.5" SATA HDD	3x 6TB 2.5" SATA SSD
Front I/O	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset
Network	Dual Intel GbE LAN	Intel® I210-AT GbE LAN Aquantia AQC107 10GbE LAN GbE LAN for IPMI
Available Expansion	1x PCIe x16 1x PCIe x4 1x PCIe x1 1x PCI 32bit	3x PCIe x16 1x PCIe x1

Deep Learning and AI

Delivering incredible performance running Deep Learning applications, the Supermicro SYS-5049A-TR is an ideal development workstation designed for engineers or researchers who need a robust system with high CPU and GPU computational core counts right at their desks.

Recommended Configurations:



	Performance	High Performance
Barebone	Supermicro SYS-5049A-TR	Supermicro SYS-5049A-TR
Processor	Intel® Xeon® Scalable processor Gold 6208U, 16 Core at 2.9Ghz	Intel® Xeon® W-3245, 16 Core at 3.2Ghz
CPU Frequency	2.9Ghz base / 3.9Ghz turbo	3.2Ghz base / 4.6Ghz turbo
Memory	128GB DDR4-2933 ECC Registered Memory	192GB DDR4-2933 ECC Registered Memory
Graphics	2x NVIDIA® Quadro® RTX6000	4x NVIDIA® Quadro® RTX6000
Primary Storage	1TB M.2 NVMe	1TB M.2 NVMe
Secondary Storage	6TB 3.5" SATA HDD	6TB 2.5" SATA SSD
Front I/O	2x USB 3.1 Gen 1, Mic and Headset	2x USB 3.1 Gen 1, Mic and Headset
Network	Intel® I210-AT GbE LAN Aquantia AQC107 10GbE LAN GbE LAN for IPMI	Intel® I210-AT GbE LAN Aquantia AQC107 10GbE LAN GbE LAN for IPMI
Available Expansion	None	None

ISV Certifications Status

ISV	Vertical market	Software	Status	Models
ANSYS	Design /Simulation	Fluids; 3D Design	Done	SYS-5039A-I; SYS-5049A-T; SYS-7039A-I
PTC	Design Manufacturing	Creo	<u>Done</u>	SYS-5039A-I; SYS-7030A-I
Dassault Systemes	Design Manufacturing	CATIA; Solidworks	<u>Done</u>	SYS-5039A-I; SYS-7039A-I
Autodesk	M & E	<u>Flame</u> ; Maya; Mudbox; 3dsMax	Self-certification done	SYS-5049A-T
Autodesk	AEC	multiple	Certified by using certified OS, GPU and drivers	SYS-5039C-T; SYS-5039A-I; SYS-5039AD-I; SYS-5049A-T; SYS-5049A-TR
BlackMagic	M & E	Davinci Resolve	initial Engaging	TBD
Avid	M & E	Media Composer	initial Engaging	TBD
COMSOL	Design Manufacturing	multiple	initial Engaging	TBD
Altair	Design Manufacturing	multiple	Engaging	TBD



Applications	System Model	System Model	System Model	GPU	GPU	GPU
Design/Engineering/Manufacturing	Good	Better	Best	Deluxe	Performance	Extreme
Altair® HyperWorks®	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
ANSYS® Discovery Live	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
ANSYS Workbench™, ANSYS AIM and ANSYS EnSight	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
ANSYS Mechanical, ANSYS Fluent and ANSYS HFSS	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® GP100	Quadro® GV100	2x Quadro® GV100
ANSYS SPEOS	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk® 3ds Max®	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk AutoCAD®	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P620	Quadro® RTX 3000	Quadro® RTX 4000
Autodesk Fusion 360	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk Netfabb 2018	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P620	Quadro® RTX 3000	Quadro® RTX 4000
Autodesk Inventor®	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P620	Quadro® RTX 3000	Quadro® RTX 4000
Autodesk VRED	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Beta CAE ANSA, META	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
COMSOL	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® P2200	Quadro® RTX 4000	Quadro® RTX 5000
Dassault Systèmes 3DEXCITE DELTAGEN / DELTAVIEW	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 5000	Quadro® RTX 6000	Quadro® RTX 8000
Dassault Systèmes CATIA V5-6 and 3DEXPERIENCE	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® P2200	Quadro® RTX 4000	Quadro® RTX 6000
Dassault Systèmes CATIA Live Rendering	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 5000	Quadro® RTX 6000	Quadro® RTX 8000
Dassault Systèmes SIMULIA Abaqus	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® GP100	Quadro® GV100	2x Quadro® GV100
Dassault Systèmes SOLIDWORKS	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® P2200	Quadro® RTX 4000	Quadro® RTX 6000
Dassault Systèmes SOLIDWORKS Visualize2	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 4000	2x Quadro® RTX 4000	2x Quadro® RTX 6000
ESI Group IC.IDO	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 5000	2x Quadro® RTX 5000	2x Quadro® RTX 6000
EXA PowerViz	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
LS-PrePost	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Lumiscaphe P3D Design	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® RTX 5000	Quadro® RTX 6000	Quadro® RTX 8000
MathWorks MATLAB	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® GV100	Quadro® GV100	2x Quadro® GV100
MSC Nastran	SYS-5039A-I	SYS-5049A-T	SYS-7039A-I	Quadro® GP100	Quadro® GV100	2x Quadro® GV100



Applications	System Model	System Model	System Model	GPU	GPU	GPU
Virtual Reality Viewer (VR Viewer)	Good	Better	Best	Deluxe	Performance	Extreme
ANSYS VRXPERIENCE	SYS-5039AD-I	SYS-5039A-I	SYS-5049A-TR	Quadro® RTX 4000	Quadro® RTX 5000	3x Quadro® RTX 6000
Autodesk Live	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Siemens NX VR, Plant Simulations, TeamCenter VR	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Siemens Simcenter, STAR-CCM+ VR	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Architecture/Engineering/Construction	Good	Better	Best	Deluxe	Performance	Extreme
Autodesk 3ds Max®	SYS-5039AD-I	SYS-5039A-I	SYS-5049A-TR	Quadro® RTX 4000	Quadro® RTX 5000	3x Quadro® RTX 6000
Autodesk ReCap 360	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk Revit®	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Enscape Enscape3d	SYS-5039AD-I	SYS-5039A-I	SYS-5049A-TR	Quadro® RTX 4000	Quadro® RTX 5000	3x Quadro® RTX 6000
Nemetschek Allplan	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Nemetschek Graphisoft ArchiCAD	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Nemetschek Vectorworks	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P620	Quadro® P2200	Quadro® RTX 4000
Modeling / Animation / Visualization / Effects	Good	Better	Best	Deluxe	Performance	Extreme
Adobe After Effects CC3	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk 3ds Max	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Autodesk Arnold	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 5000	Quadro® RTX 6000	Quadro® RTX 8000
Autodesk Maya®	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 5000	Quadro® RTX 6000
Chaos V-Ray GPU	SYS-5039AD-I	SYS-5039A-I	SYS-5049A-TR	Quadro® RTX 4000	Quadro® RTX 6000	3x Quadro® RTX 8000
Maxon CINEMA 4D	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P2200	Quadro® RTX 4000	Quadro® RTX 6000
Otoy Octane	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 6000	Quadro® RTX 8000
NewTek Lightwave™	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P2200	Quadro® RTX 4000	Quadro® RTX 5000
Redshift Renderer	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® RTX 4000	Quadro® RTX 6000	Quadro® RTX 8000
SideFX Houdini	SYS-5039A-I	SYS-5049A-T	SYS-5049A-TR	Quadro® RTX 6000	2x Quadro® RTX 6000	2x Quadro® RTX 8000
Video Editing	Good	Better	Best	Deluxe	Performance	Extreme
Adobe Media Encoder	SYS-5039C-T	SYS-5039AD-I	SYS-5039A-I	Quadro® P2200	Quadro® RTX 5000	Quadro® RTX 6000

SUPERMICRO Workstation System Product Lines



SYS-5039C-T	SYS-5039A-I	SYS-5039AD-I	SYS-5039A-IL	SYS-5049A-T	SYS-5049A-TR	SYS-7049A-I
Intel®Xeon® E CPU 8 th /9 th Gen Intel Core i9/i7/i3 Celeron Pentium, up to 95W TDP	Intel® Xeon® W- 2100/2200 LGA2066 CPU, up to 165W TDP	Intel® Core i9 X-Series, up to 165W TDP	Intel® Xeon® CPU E3-1200 v6/v5 Intel® 7 th /6 th Gen Core i7/i5/i3 series , up to 95W TDP	1 st / 2 nd Gen Intel® Xeon® Scalable Processor, up to 205W TDP	1 st / 2 nd Gen Intel® Xeon® Scalable Processor, or Intel® Xeon® W-3200, up to 205W TDP	Dual 2 nd Gen Intel® Xeon® SP Platinum Gold Silver Bronze, up to 205W TDP
Up to 64GB ECC/non-ECC DDR4-2666 4DIM	Up to 512G LRDIM Up to 256G RDIM DDR4-2666x8 ECC R	Up to 128G UDIM Non-ECC Un-Buff DDR4-2666 x 8	Up to 64GB ECC/non-ECC DDR4-2666 4DIM	Up to 384G RDIM Up to 1.5T 3DS RDIM Up to 1.5T 3DS LRD	Up to 384G RDIM Up to 1.5T 3DS RDIM Up to 1.5T 3DS LRD	Up to 4TB 3DS RD Up to 4TB 3DS LR DDR4-2933 option
2x M.2 (M Key 2260/2280/22110) 1x U.2 8x SATA3 Raid 0,1,5,10 4x 3.5" HDD Bays (optional for 2.5")	2x M.2(M Key RAID 0,1 support 22110/2280) 2x U.2 6x SATA3 RAID 4x 3.5" HDD Bays (optional for 2.5")	2x M.2 M Key, with Intel Optane 2x U.2 6x SATA3 RAID 6x 3.5" HDD bays 4x 2.5" HDD bays 2x 5.25" drive bays	8x SATA3 Raid 0,1,5,10 4x 3.5" HDD Bays (optional for 2.5") 2x 5.2" drive bays	4x M.2 2260/80/110 RAID 0,1 8x SATA3 (6Gbps) RAID 0,1,5,10 8x 3.5"HDD SATA3 /SAS Hot Swap 3x 5.25" drive bays	4x M.2 2260/80/110 RAID 0,1 8x SATA3 (6Gbps) RAID 0,1,5,10 8x 3.5"HDD SATA3 /SAS Hot Swap 3x 5.25" drive bays	1x M.2 2260/80/110 2x PCIe3.0x4 NVMe 10x SATA3 (6Gbps) RAID 0,1,5,10 4x 3.5" HDD Bays (optional for 2.5") 2x 5.2" drive bays
2x PCI-E 3.0 x16 1x PCI-E 3.0 x4 1x PCI-E 3.0 x1	3x PCI-E 3.0 x16 (8/16/16 48 lanes) 1x PCI-E 3.0 x4	4x PCI-E 3.0 x16 1x PCI-E 3.0 x1	2x PCI-E 3.0 x16 2x PCI-E 3.0 x1 (4) 2x PCI 32 bit	7x PCI-E 3.0 x16	7x PCI-E 3.0 x16	4x PCI-E 3.0 x16 2x PCI-E 3.0 x8 1x VGA
2x USB 3.1 Gen2 Type A&C 4x USB 3.1 G1 2+2 2x USB2.0 (front)	2x USB 3.1 Gen2 Type A 6x USB 3.1 G1 2+4 6x USB2.0 (4R+2H)	4x USB 3.1 Gen2 (3x Type A 1x C) 4x USB 3.1 G1 2+2	2x USB 3.1 Gen2 6x USB 3.1 G1 2+4 8x USB2.0 (2+6)	4x USB 3.1 Gen2 2+2 Type A & C 6x USB 3.1 G1 4+2 8x USB2.0 (4R+4H)	4x USB 3.1 Gen2 2+2 Type A & C 6x USB 3.1 G1 4+2 8x USB2.0 (4R+4H)	2x USB 3.1 Gen2 6x USB 3.1 G1 4+2 IPMI 2x SuperDOM
1x1G LAN I210-AT 1x1G LAN I219LM 1x TPM Header 1x Com port (H) ALC 888S HD Audio	1x5G LAN AQC108 1x1G LAN I219LM 1x TPM Header 1x Com port (H) ALC 1220 HD Audio	1x5G LAN AQC108 1x1G LAN I219LM 1x TPM Header 1x Com port (H) ALC 1220 HD Audio	1x1G LAN I210-AT 1x1G LAN I219LM 1x TPM Header 2x Com port (H) ALC 888S HD Audio	2x1G LAN C621 1x TPM Header 2x Com port (R+H) ALC 888S HD Audio	2x1G LAN C621 1x TPM Header 2x Com port (R+H) ALC 888S HD Audio	2x1G LAN C621 1x TPM Header 1x Com port (H) 7.1 HD Audio
500W Bronze PSU Dimension: 16.6"x7.6"x20.68"	500W Bronze PSU Dimension: 16.6"x7.6"x20.68"	750W Gold PSU Dimension: 18.1"x7.9"x19.4"	500W Bronze PSU Dimension: 16.6"x7.6"x20.68"	1200W Platinum Dimension: 17.8"x7.0"x25.5"	2200W Redundant PSUs Platinum Dimension: 17.8"x7.0"x25.5"	1200W Platinum Dimension: 16.6"x7.6"x20.68"

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ABC SYSTEMS AG

APPLIED BRAINWARE & COMPUTER SYSTEMS

CH-8952 Schlieren
Rütistrasse 28
+41 43 433 6 433

CH-3007 Bern
Giessereiweg 9
+41 31 3 700 600

SAN@ABCsystems.ch

www.abcsystems.ch



www.supermicro.com