



# SuperWorkstation

*ANSYS Certified High-Performance Workstations*



SYS-5039A-I

*Single CPU Performance Workstation*



SYS-5049A-T

*Single CPU Extreme Workstation*



SYS-7039A-I

*Dual CPU High-Performance Workstation*

## Certified ANSYS Software Modules

- ANSYS WorkBench
- ANSYS Mechanical
- Autodyn
- CFX
- Chemkin
- DesignXplorer
- Discovery AIM
- Discovery Live
- Discovery SpaceClaim
- Electronics Suite
  - Designer Workflow
  - HFSS
  - Maxwell
  - Q3D Extractor
  - SIwave
  - TwinBuilder
- Energico
- EnSight
- Fluent
- Fluent-Meshing
- Forte
- ICEM CFD
- IC Engine workflow
- Icepak
- Mechanical APDL
- Mechanical
- Meshing
- Polyflow
- SCDM
- System Coupling

- Certified Systems by Supermicro
- Pre-integrated/Pre-validated Hardware and OS
- Industry Leading Performance and Support





# SuperWorkstation

ANSYS Certified High-Performance Workstations



Model	<b>SYS-5039A-I</b> <i>Single CPU Performance Workstation</i>	<b>SYS-5049A-T</b> <i>Single CPU Extreme Workstation</i>	<b>SYS-7039A-I</b> <i>Dual CPU High-Performance Workstation</i>
<b>Processor</b>	Intel® Xeon® W-2100 / W-2200 Series Processors	Up to 2nd Generation Intel® Xeon® Scalable Processors	Up to 2nd Generation Intel® Xeon® Scalable Processors
<b>Memory</b>	8 DIMM slots, up to 512GB DDR4-2666 ECC LRDIMM	12 DIMM slots, up to 4TB ECC DDR4-2933MHz 3DS RDIMM/LRDIMM; Intel® Optane™ DCPMM support	16 DIMM slots, up to 4TB ECC DDR4-2933MHz 3DS RDIMM/LRDIMM; Intel® Optane™ DCPMM support
<b>GPU Options</b>	<b>Supports up to 2 GPUs</b>	<b>Supports up to 3 GPUs</b>	<b>Supports up to 2 GPUs</b>
	<b>Entry:</b> AMD FirePro™ W2100 (2 GB); NVIDIA® Quadro® P620 (2 GB GDDR5); P400 (2 GB GDDR5)	<b>Entry:</b> AMD FirePro™ W2100 (2 GB); NVIDIA® Quadro® P620 (2 GB GDDR5); P400 (2 GB GDDR5)	<b>Entry:</b> AMD FirePro™ W2100 (2 GB); NVIDIA® Quadro® P620 (2 GB GDDR5); P400 (2 GB GDDR5)
	<b>Mid-range:</b> AMD FirePro™ W5100 (4 GB); W4300 (4 GB); NVIDIA® Quadro® P4000 (8GB); RTX4000 (8GB); P2000 (5GB); P1000 (4GB)	<b>Mid-range:</b> AMD FirePro™ W5100 (4 GB); W4300 (4 GB); NVIDIA® Quadro® P4000 (8GB); RTX4000 (8GB); P2000 (5GB); P1000 (4GB)	<b>Mid-range:</b> AMD FirePro™ W5100 (4 GB); W4300 (4 GB); NVIDIA® Quadro® P4000 (8GB); RTX4000 (8GB); P2000 (5GB); P1000 (4GB)
	<b>High-end:</b> AMD Radeon™ Pro WX 7100 (8 GB); W7100 (8 GB); WX 4100 (4 GB); NVIDIA® Quadro® GV100 (32 GB); RTX8000 (48GB); RTX6000 (24GB); P6000 (24 GB); RTX5000 (16GB); P5000 (16 GB)	<b>High-end:</b> AMD Radeon™ Pro WX 7100 (8 GB); W7100 (8 GB); WX 4100 (4 GB); NVIDIA® Quadro® GV100 (32 GB); RTX8000 (48GB); RTX6000 (24GB); P6000 (24 GB); RTX5000 (16GB); P5000 (16 GB)	<b>High-end:</b> AMD Radeon™ Pro WX 7100 (8 GB); W7100 (8 GB); WX 4100 (4 GB); NVIDIA® Quadro® GV100 (32 GB); RTX8000 (48GB); RTX6000 (24GB); P6000 (24 GB); RTX5000 (16GB); P5000 (16 GB)
<b>Storage</b>	Up to 8 drives: 4x 3.5" and 4x 2.5" HDD/SSD SATA3 (6 Gbps); RAID 0,1,5,10.	Up to 8x 3.5" (2.5" optional) front hot-swappable drives, SATA3 (6 Gbps); SAS3 (optional); RAID 0,1,5,10.	Up to 8 drives: 4x 3.5" and 4x 2.5" HDD/SSD SATA3 (6 Gbps); RAID 0,1,5,10.
	M.2: Up to 2x M.2 NVMe Drives	M.2: Up to 4x M.2 NVMe Drives	M.2: UP to 1x M.2 NVMe Drive
<b>Optical Drive (Optional)</b>	5.25" HH 24x DVD-RW SATA Optical Drive	5.25" HH 24x DVD-RW SATA Optical Drive	5.25" HH 24x DVD-RW SATA Optical Drive
<b>Networking</b>	Onboard 5G and 1G Ethernet RJ45 LAN ports	Onboard 10G, 1G Ethernet RJ45 LAN ports	Onboard 1G Ethernet RJ45 LAN ports
<b>Remote management</b>	Intel vPRO	ASPEED AST2500 with dedicated IPMI LAN ports	ASPEED AST2500 with dedicated IPMI LAN ports

Contact your Supermicro sales representative or [marketing@supermicro.com](mailto:marketing@supermicro.com) for more information.

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- Industry Leading Performance and Support

