SuperWorkstation
ANSYS Certified High-Performance Workstations

SY5-5039A-I
Single CPU Performance Workstation

SY5-5049A-T
Single CPU Extreme Workstation

SY5-7039A-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
- Polyflow
- SCDM
- System Coupling

Certified Systems by Supermicro
- Pre-integrated/Pre-validated Hardware and OS
- Industry Leading Performance and Support
<table>
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<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>Intel® Xeon® W-2100 / W-2200 Series Processors</td>
<td>Up to 2nd Generation Intel® Xeon® Scalable Processors</td>
<td>Up to 2nd Generation Intel® Xeon® Scalable Processors</td>
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<tr>
<td><strong>Memory</strong></td>
<td>8 DIMM slots, up to 512GB DDR4-2666 ECC RDIMM</td>
<td>12 DIMM slots, up to 4TB ECC DDR4-2933MHz 3DS RDIMM/LRDIMM, Intel® Optane™ DCPMM support</td>
<td>16 DIMM slots, up to 4TB ECC DDR4-2933MHz 3DS RDIMM/LRDIMM, Intel® Optane™ DCPMM support</td>
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<tr>
<td><strong>GPU Options</strong></td>
<td>Supports up to 2 GPUs</td>
<td>Supports up to 3 GPUs</td>
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<tr>
<td><strong>Entry</strong></td>
<td>AMD FirePro™ W2100 (2 GB), NVIDIA® Quadro® P620 (2 GB GDDRS), P400 (2 GB GDDRS)</td>
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<td><strong>Mid-range</strong></td>
<td>AMD FirePro™ W5100 (4 GB), W4300 (4 GB), NVIDIA® Quadro® P4000 (8GB), RTX4000 (8GB), P2000 (5GB), P1000 (4GB)</td>
<td>AMD FirePro™ W5100 (4 GB), W4300 (4 GB), NVIDIA® Quadro® P4000 (8GB), RTX4000 (8GB), P2000 (5GB), P1000 (4GB)</td>
<td>AMD FirePro™ W5100 (4 GB), W4300 (4 GB), NVIDIA® Quadro® P4000 (8GB), RTX4000 (8GB), P2000 (5GB), P1000 (4GB)</td>
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<tr>
<td><strong>High-end</strong></td>
<td>AMD Radeon™ Pro WX 7100 (8 GB), W7100 (8 GB), W4100 (4 GB), NVIDIA® Quadro® GV100 (32 GB), RTX8000 (48GB), RTX6000 (24GB), P6000 (24 GB), RTX5000 (16GB), P5000 (16 GB)</td>
<td>AMD Radeon™ Pro WX 7100 (8 GB), W7100 (8 GB), W4100 (4 GB), NVIDIA® Quadro® GV100 (32 GB), RTX8000 (48GB), RTX6000 (24GB), P6000 (24 GB), RTX5000 (16GB), P5000 (16 GB)</td>
<td>AMD Radeon™ Pro WX 7100 (8 GB), W7100 (8 GB), W4100 (4 GB), NVIDIA® Quadro® GV100 (32 GB), RTX8000 (48GB), RTX6000 (24GB), P6000 (24 GB), RTX5000 (16GB), P5000 (16 GB)</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Up to 8 drives: 4x 3.5” and 4x 2.5” HDD/SSD SATA (6 Gbps), RAID 0,1,5,10.</td>
<td>Up to 8x 3.5” (2.5” optional) front hot-swappable drives, SATA3 (6 Gbps), SASK (optional), RAID 0,1,5,10.</td>
<td>Up to 8 drives: 4x 3.5” and 4x 2.5” HDD/SSD SATA3 (6 Gbps), RAID 0,1,5,10.</td>
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<tr>
<td><strong>Optical Drive (Optional)</strong></td>
<td>M.2: Up to 2x M.2 NVMe Drives</td>
<td>M.2: Up to 4x M.2 NVMe Drives</td>
<td>M.2: UP to 1x M.2 NVMe Drive</td>
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<tr>
<td><strong>Networking</strong></td>
<td>Onboard 5G and 1G Ethernet RJ45 LAN ports</td>
<td>Onboard 10G, 1G Ethernet RJ45 LAN ports</td>
<td>Onboard 1G Ethernet RJ45 LAN ports</td>
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<tr>
<td><strong>Remote management</strong></td>
<td>Intel vPRO</td>
<td>ASPEED AST2500 with dedicated IPMI LAN ports</td>
<td>ASPEED AST2500 with dedicated IPMI LAN ports</td>
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</table>

**Certified Systems by Supermicro**
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- Industry Leading Performance and Support

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