Supermicro Embedded Server 1019S-M2
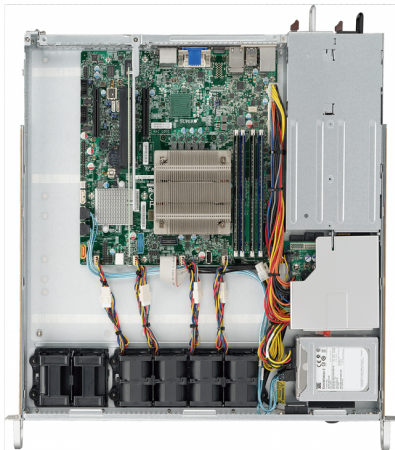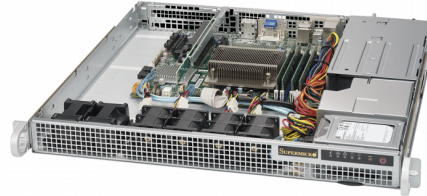
Supermicro Embedded Server 1019S-M2

Highlights

Single CPU Extreme Workstation. High end GPU Workstaton for real-time design, 8K production and Deep Learning. Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.

Supermicro Embedded Server 1019S-M2

- Workstation tower

- Option for 4U rack mount kit

- 1 x Intel Xeon W-3200 Series or Intel 2nd generation Xeon Scalable

- 4 PCI-E 3.0 x16 supports up to 4 dual width GPU

- 8 x Hot-swap 3.5" drive bays

- 2200W Redundant Power Supplies Titanium Level

- Build-to-order configured to the requirements

Specifications

Model Type

Embedded server

Form Factor

1U rackmount

Cooling

4 x 40mm x 56mm PWM fan (2 x fans for AOC cooling)

Environment

Operating temperature	0°C to 40°C
Non-operating temperature	-40°C to 70°C
Operating humidity	8% to 90% (non-condensing)
Non-operating humidity	5% to 95% (non-condensing)

Processor

Intel 6th / 7th gen Core i3 / i5 / i7, Intel Celeron, Pentium, CPU TDP (supports up to 80W TDP)
Single socket H4 (LGA 1151)

Chipset

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Intel® Q170 express

RAM

Memory capacity	4 x 288pin DDR4 DIMM slots
	up to 64GB DDR4 non-ECC UDIMM
Memory type	2400 / 2133 / 1866 / 1600MHz non-ECC DDR4 SDRAM
	72bit, 288pin (UDIMM) gold-plated DIMMs
DIMM sizes	4GB / 8GB / 16GB
Memory voltage	1.2V

Storage

2 x Fixed 2.5" SATA3 drive bays

Input / Output

Rear	2 x RJ45 gigabit, 1 x RJ45 dedicated IPMI
	1 x VGA connector, 1 x superDOM
	2 x USB 3.0, 3 x USB 2.0 (2 x rear, 1 x type A)
Internal	10 x SATA3 (6Gbps) ports, RAID 0 / 1
	2 x serial header

Expansion

1 x PCI-E 3.0 x16 (in x16 slot)

Operating System

WHQL
RHEL / Ubuntu / SUSE

Power Supply

400W platinum level power supply with PMBus & I2C

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AC input	400W 100V to 240V, 50 to 60Hz
DC output +5V standby	3 Amp
DC output +12V	33 Amp

Dimension and Weight

H 43 x W 437 x D 429mm	13.8kg

Accessories Included

1 x Y split, big 4pin to 2 x RA SATA power extension 15cm, 18AWG

2 x SATA, INT, round, ST - RA, 48cm, 26AWG

4 x 4pin to 4pin fan extension cord for PWM fan, 23cm, 24AWG

1 x PWEX, 2x4M / P4.2 to 2x4F / P4.2, 12V, BLK4, YEL4, 20cm, 18AWG

1 x 1U passive CPU HS for Intel LGA1156

1 x AC & DC 240V input, 400W, platinum level redundancy power supply (meet PMBus revision 1.2 requirement) RoHS / REACH

Accessories Optional

AC & DC 240V input, 400W platinum level redundancy power supply (meet PMBus revision 1.2 requirement) RoHS / REACH

Battery backup unit

Warranty and After Sales Support

Standard 1 year hardware warranty for barebone

3 year hardware warranty & 1 year cross shipment for complete system CPU / MEM / DISK

Option for 5 year hardware warranty & 1 year cross shipment / 3 year hardware warranty & 3 year cross shipment