

Supermicro Embedded Server 1019S-M2



Highlights

Compact server for military, medical, and industrial automation & control.

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.



- 1U short depth chassis
- No front I/O access
- Long product life cycle
- 400W platinum power supply
- Option for 2nd redundant PSU or battery backup unit
- Build-to-order configured to the requirements



BLUE LINE
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

Supermicro Embedded Server 1019S-M2

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

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

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



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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



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