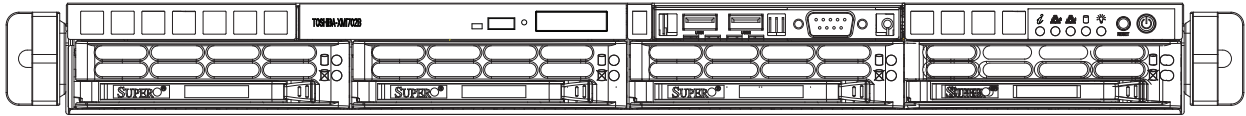




SuperServer[®] 5019C-MHN2



Revision 1.0a

System Specifications

Processors

Single Intel Xeon E-2100 or 8th/9th Gen Core i3/5/7/9 Pentium, Celeron processor in an LGA1151 socket

Note: Please refer to the motherboard specifications pages on our website for updates to supported processors.

Chipset

Intel PCH C246

BIOS

256 Mb SPI AMI BIOS® SM Flash UEFI BIOS

ACPI 6.1, SMBIOS 3.1 UEFI 2.6 specification, PCI F/W 3.0 Plug-and-Play (PnP), SPI Dual/quad speed support, RTC wakeup

Memory

Up to 64GB of DDR4 ECC/Non-ECC UDIMM with speeds of up to 2666 MHz in four slots

Note: See the memory section in Chapter 3 for details and our website for updates to supported memory.

SATA Controller

On-chip (Intel PCH C246) controller

Drive Bays

Supports up to four hot-swap 3.5" SATA hard drives

Expansion Slots

One PCI-E 3.0 x16 slot (CPU SLOT7)

Two PCI-E 3.0 x4 (x8) slots (PCH SLOT4, PCH SLOT6)

One M.2 M-Key for SATA or PCI-E 3.0 x4 in the 2280 or 22110 form factor

Input/Output

COM: four COM ports on two headers

SATA: five SATA 3.0 ports supporting RAID 0, 1, 5, 10

Display: one VGA D-Sub, one DVI-I, two DisplayPorts

Networking: two RJ45 Gigabit Ethernet, one RJ45 dedicated IPMI port

Audio: one Line Out port and one Mic In port on the rear I/O back panel, one audio header

Peripherals

USB 3.1 Gen 2: two ports on one internal header, three Type-A ports, one Type-C port on the rear I/O back panel

USB 3.1 Gen 1 (equivalent to USB 3.0): two ports on one internal header

USB 2.0: one Type-A port, six ports on three internal headers

TPM: one onboard TPM chip and header

Motherboard

X11SCZ-F; Micro ATX form factor (L x W) 9.6" x 9.6" (244 mm x 244 mm)

Chassis

SC813MFTQC-350CB2; 1U Rackmount, (WxHxD) 17.2 x 1.7 x 19.85 in. (437 x 43 x 504 mm)

System Cooling

Five 40 x 40 x 28 mm fans plus space for one additional optional fan

Power Supply

Single 350W power supply 80 Plus Platinum

AC Input Voltages: 100-240 VAC

Rated Input Current: 5-2.5A

Rated Input Frequency: 50-60 Hz

Rated Output Power: 350 Watts

Rated Output Voltages: +5V (8A), +12V (16A), +3.3V (8A), +5Vsb (2A)

Operating Environment

Operating Temperature: 0° to 40° C (32° to 104° F)

Non-operating Temperature: -40° to 70° C (-40° to 158° F)

Operating Relative Humidity: 8% to 90% (non-condensing)

Non-operating Relative Humidity: 5% to 95% (non-condensing)

Regulatory Compliance

Electromagnetic Emissions: FCC Class A, EN 55032 Class A, EN 61000-3-2/3-3, CISPR 22 Class A

Electromagnetic Immunity: EN 55024/CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)

Safety: CSA/EN/IEC/UL 60950-1 Compliant, UL or CSA Listed (USA and Canada), CE Marking (Europe)

Other: VCCI-CISPR 32, AS/NZS CISPR 32 and BSMI (CNS13438, CNS14336-1, CNS15663 Section 5)

Environmental: Directive 2011/65/EU and Delegated Directive (EU) 2015/863 and Directive 2012/19/EU

Perchlorate Warning

California Best Management Practices Regulations for Perchlorate Materials: This Perchlorate warning applies only to products containing CR (Manganese Dioxide) Lithium coin cells. "Perchlorate Material-special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate"

