

SuperServer 1019S-MC0T



Integrated Board



([./products/motherboard/Xeon/C236_C232/X11SSH-CTF.cfm](https://products/motherboard/Xeon/C236_C232/X11SSH-CTF.cfm)).

Super X11SSH-CTF ([./products/motherboard/Xeon/C236_C232/X11SSH-CTF.cfm](https://products/motherboard/Xeon/C236_C232/X11SSH-CTF.cfm)).

Views: | [Angled View \(/a_images/products/views/1019S-MC0T_angle.jpg\)](#) | [Top View \(/a_images/products/views/1019S-MC0T_top.jpg\)](#) | [Front View \(/a_images/products/views/1019S-MC0T_front.jpg\)](#) | [Rear View \(/a_images/products/views/1019S-MC0T_rear.jpg\)](#) |

[Drivers & Utilities](#) [BIOS](#) [IPMI](#) [Tested Memory](#) [Manuals](#)

OS Certification Matrix

(support/resources/OS/OS_Certification_Intel.cfm?MProduct_Name=SYS%2D1019S%2DMC0T).

[Quick-References Guide](#) [Drive Options](#)

[Network Card \(AOC\) Matrix \(/zh_tw/support/resources/aoc/standard\)](#).

Key Applications

Storage HN, VM, Hosting
Mainstream, Compact File Server

Key Features

1. Single Socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v6/v5, Intel® 7th/6th Gen. Core™ i3 series, Intel® Celeron® and Intel® Pentium®
2. Intel® C236 chipset
3. 8 Hot-swap 2.5" SAS/SATA3 Drive Bays
4. Up to 64GB Unbuffered ECC UDIMM DDR4 2400MHz; 4 DIMM slots
5. 1 PCI-E 3.0 x8 AOC slot
6. 2x 10GBase-T ports with Intel® X550
7. Integrated IPMI 2.0 and KVM with Dedicated LAN
8. 1 VGA, 1 COM, 2 USB 3.0, 2 USB 2.0
9. 340W High-efficiency Power Supply

Note: Image above may show a varied configuration of optional parts. Please refer to parts list for standard parts included.

Specifications

Product SKUs

SYS-1019S-MC0T
SuperServer 1019S-MC0T (**Black**)

Motherboard

Super X11SSH-CTF
(/products/motherboard/Xeon/C236_C232/X11SSH-CTF.cfm).

Processor/Cache

CPU
Single Socket H4 (LGA 1151) supports:
Intel® Xeon® processor E3-1200 v6/v5,
Intel® 7th/6th Gen Core™ i3,
Intel® Pentium®,
Intel® Celeron® processors
CPU TDP up to 80W
Note
BIOS version 2.0 or above is required to support Intel® Xeon® Processor E3-1200 v6 series or 7th Generation Intel® Core™ Processors

System Memory

Memory Capacity
4x 288-pin DDR4 DIMM slots
Up to 64GB DDR4 ECC UDIMM
Memory Type
2400/2133/1866/1600MHz ECC DDR4 SDRAM 72-bit, 288-pin (UDIMM) gold-plated DIMMs
DIMM Sizes
16GB, 8GB, 4GB
Memory Voltage
1.2 V
Error Detection
Corrects single-bit errors
Detects double-bit errors (using ECC memory)

On-Board Devices

Chipset
Intel® C236 chipset
SATA
SATA3 (6 Gbps) via C236 controller
RAID 0, 1, 5, 10
SAS
Broadcom 3008 SAS3 (12Gbps) controller;
SW RAID 0, 1, 10
IPMI
Support for Intelligent Platform Management Interface v.2.0
IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
ASPEED AST2400 BMC
Network Controllers
Dual Intel® X550 10GBase-T LAN ports
Virtual Machine Device Queues reduce I/O overhead
Supports 10GBASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
Video
ASPEED AST2400 BMC

Input / Output

SATA
8 SATA3 (6Gbps) ports

Chassis

Form Factor
1U Rackmount
Model
CSE-113MFAC2-341CB (</products/chassis/1U/113/SC1:341CB.cfm>).

Dimensions and Weight

Height
1.7" (43mm)
Width
17.2" (437mm)
Depth
19.98" (507mm)
Package
8.5" (H) x 24" (W) x 29.5" (D)
Weight
Gross Weight: 31 lbs (14.1 kg)
Net Weight: 18.5 lbs (8.4 kg)
Available Colors
Black

Front Panel

Buttons
Power On/Off button
System Reset button
LEDs
Power LED
Hard drive activity LED
2 Network activity LEDs
System Information LED

Expansion Slots

PCI-E
1 PCI-E 3.0 x8
M.2
1x M.2 Interface: SATA and PCI-E 3.0 x4
Form Factor: 2260
Key: M-Key
Double Height Connector

Drive Bays

Hot-swap
8 Hot-swap 2.5" SAS/SATA3 drive bays

Backplane

SAS3/SATA HDD Backplane
(SAS support requires optional SAS controller)

System Cooling

Fans
4x 4cm chassis internal fan
Optional 2x 40x28mm PWM fan

Power Supply

340W AC power supply w/ PFC
AC Voltage
100-240 V, 50-60 Hz, 4.2-1.8 Amp

1/10/24, 9:48 AM	SYS-1019S-MC0T 1U SuperServers Products Super Micro Computer, Inc.
SAS 8 SAS3 (12Gbps) ports	+5V Max: 16 Amp / Min: 0.5A
LAN 2 RJ45 10GBase-T LAN ports 1 RJ45 Dedicated IPMI LAN port	+12V Max: 28 Amp / Min: 0.5A
USB 5 USB 3.0 ports (2 rear + 2 headers + 1 Type A) 6 USB 2.0 ports (2 rear + 4 headers)	+3.3V Max: 15 Amp
Video 1 VGA port	+5V standby Max: 3 Amp
Serial Port / Header 2 COM ports (1 rear, 1 header)	-12V Max: 0.5 Amp
SuperDOM 2 <u>SuperDOM (/SATADOM/)</u> (Disk on Module) ports with built-in power	Certification  (http://www.plugloadsolutions.com/80PlusPowerSupply?id=69&type=2). Platinum Level

PC Health Monitoring

Voltage Monitors for CPU Cores, +3.3V, +5V, +12V, +5V Standby, VBAT, HT, Memory, Chipset Voltages.
FAN Total of 6 fan headers supporting up to 6 fans 4 fans with tachometer status monitoring Status monitor for speed control Status monitor for on/off control Low noise fan speed control Pulse Width Modulated (PWM) fan connectors
Temperature Monitoring for CPU and chassis environment CPU thermal trip support I ² C temperature sensing logic Thermal Monitor 2 (TM2) support PECI
LED System Information LED Suspend static indicator LED UID/Remote UID
Other Features Chassis intrusion detection Chassis intrusion header RoHS, Halogen Free

Parts List

Global SKU (/zh_tw/products/SMC_global_skus)
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