

SuperServer 1019D-4C-FHN13TP



Integrated Board



[./products/motherboard/Xeon/D/X11SDW-4C-](https://products/motherboard/Xeon/D/X11SDW-4C-TP13F.cfm)

[TP13F.cfm](https://products/motherboard/Xeon/D/X11SDW-4C-TP13F.cfm)

Super X11SDW-4C-TP13F ([./products/motherboard/Xeon/D/X11SDW-4C-TP13F.cfm](https://products/motherboard/Xeon/D/X11SDW-4C-TP13F.cfm)).

Views: | **Angled View** (/a_images/products/views/1019D-4C-FHN13TP_angle.jpg) | **Top View** (/a_images/products/views/1019D-4C-FHN13TP_top.jpg) |

Front View (/a_images/products/views/1019D-4C-FHN13TP_front.jpg) | **Rear View** (/a_images/products/views/1019D-4C-FHN13TP_rear.jpg) |

Key Applications

Multi-Access Edge Computing (MEC)
Centralized/Cloud Radio Access
Network (C-RAN)
Universal Customer Premise
Equipment (uCPE)
Software Defined WAN (SD-WAN)
Network Function Virtualization (NFV)
Artificial Intelligence (AI)

Key Features

1. Intel® Xeon® D-2123IT Processor, 4-Core, 8 Threads, 2.2 GHz, 60W
2. Up to 512GB ECC LRDIMM, up to 256GB reg. ECC RDIMM DDR4-2400Mz; in 4 DIMM slots
3. 2 PCI-E 3.0 x16 (FHFL) slots
4. 2 Hot-swap 2.5" drive bays, 2 Internal 2.5" SSD bays
5. 1 M-Key, 2280/22110, 1 E-Key, 2230, 1 B-Key, 3042
6. 9 GbE (1 port is used for management), 2x 10GbE, 2x 10G SFP+, and 1 Dedicated IPMI LAN ports
7. 2 USB 3.0, 1 VGA, 1 COM via RJ45
8. 350W AC-DC Multi-output Platinum Level Power Supply

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

[Tested M.2 List \(/zh_tw/support/resources/m2ssd?SystemID=86749&ProductName=SS1019D-4C-FHN13TP\)](#)

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

[OS Certification Matrix \(/support/resources/OS/OS_Certification_Intel.cfm?MProduct_Name=SYS%2D1019D%2D4C%2DFHN13TP\)](#)

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

Specifications

Product SKUs

SYS-1019D-4C-FHN13TP

SuperServer 1019D-4C-FHN13TP (Black)

Motherboard

Super X11SDW-4C-TP13F

(</products/motherboard/Xeon/D/X11SDW-4C-TP13F.cfm>).

Processor

CPU

Intel® Xeon® processor D-2123IT,

CPU TDP support 80W

Cores / Cache

4 Cores, 8 Threads

System Memory

Memory Capacity

Up to 512GB DDR4 ECC LRDIMM

Up to 256GB DDR4 ECC RDIMM

4 DIMM slots

Memory Type

2666/2400/2133MHz ECC DDR4 L/RDIMM

Operating speed up to 2400MHz

DIMM Sizes

128GB, 64GB, 32GB, 16GB

Memory Voltage

1.2 V

On-Board Devices

Chipset

System on Chip (SoC)

SATA

SATA3 (6Gbps) ports via SoC controller

Network Controllers

Dual 10G SFP+ via SoC

Dual 10GBase-T via Intel X557

8x 1GbE with Intel I350-AM4

Single 1GbE with Intel I210

IPMI

Support for Intelligent Platform Management Interface v.2.0

IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Video

VGA via Aspeed AST2500 BMC

Input / Output

SATA

4 SATA3 (6Gbps) ports

LAN

9 RJ45 Gigabit Ethernet LAN ports

2 RJ45 10GbE LAN ports

2 10G SFP+ LAN ports

1 RJ45 Dedicated IPMI LAN port

USB

2 USB 3.0 ports (front)

Video

1 VGA port

Serial Port / Header

1 COM via RJ45

Chassis

Form Factor

1U Rackmount

Model

CSE-513BTS-350WB

Dimensions and Weight

Height

1.7" (43mm)

Width

17.2" (437mm)

Depth

15" (381mm)

Package

6.9" (H) x 19.5" (W) x 22.4" (D)

Weight

Gross Weight: 25 lbs (11.34 kg)

Net Weight: 14 lbs (6.35 kg)

Available Colors

Black

Front Panel

Buttons

Power On/Off button

System Reset button

LEDs

Power LED

Hard drive activity LED

Network activity LEDs

System Information LED

Expansion Slots

PCI-Express

2 PCI-E 3.0 x16 (FHFL) slots

M.2

1 M.2 M-Key , 2280/22110

1 M.2 E-Key , 2230

1 M.2 B-Key , 3042

Drive Bays

Hot-swap

2 Hot-swap 2.5" drive bays

Internal

2 Internal 2.5" SSD bays (optional)

System Cooling

Fans

4x 40x28mm PWM fans (up to 6)

Power Supply

350W AC power supply w/ PFC

AC Voltage

100-240 V, 50-60 Hz, 5.0-2.5 Amp

+5V

Max.: 15 Amp

Min.: 0.2 Amp

+5V standby

Max.: 3 Amp

Min.: 0 Amp

System BIOS

BIOS Type

128Mb SPI Flash with AMI BIOS

Management

Software

Intel® Node Manager

[IPMI 2.0 \(/solutions/IPMI.cfm\)](#)

NMI

[SUM \(/solutions/SMS_SUM.cfm\)](#)

Watch Dog

[SuperDoctor® 5 \(/products/nfo/SMS_SD5.cfm\)](#)

+12V

Max.: 29 Amp

Min.: 0.5 Amp

-12V

Max.: 0.2 Amp

Min.: 0 Amp

+3.3V

Max.: 12 Amp

Min.: 0.2 Amp

Certification



(<http://www.plugloadsolutions.com/80PlusPowerSupply?id=69&type=2>). **Platinum Level Certified**

[[Test Report \(/products/powersupply/80PLUS/80PLU1H.pdf\)](#)]

Operating Environment / Compliance

RoHS

RoHS Compliant

Environmental Spec.

Operating Temperature:

0°C to 45°C (32°F to 113°F)

Non-operating Temperature:

-40°C to 70°C (-40°F to 158°F)

Operating Relative Humidity:

8% to 90% (non-condensing)

Non-operating Relative Humidity:

Parts List

[Global SKU \(/zh_tw/products/SMC_global_skus\)](#)