

SuperServer 1019D-4C-RAN13TP+



Integrated Board



</en/products/motherboard/X11SDW-4C-TP13F+>

Super X11SDW-4C-TP13F+ </en/products/motherboard/X11SDW-4C-TP13F+>

Views: | **Angled View** (/a_images/products/views/1019D-4C-RAN13TP_angle.jpg) | **Top View** (/a_images/products/views/1019D-4C-RAN13TP_top.jpg) | **Front View** (/a_images/products/views/1019D-4C-RAN13TP_front.jpg) | **Rear View** (/a_images/products/views/1019D-4C-RAN13TP_rear.jpg) |

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[Tested M.2 List](#) (/zh_tw/support/resources/m2ssd?SystemID=87102&ProductName=SS1019D-4C-RAN13TP+)

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[OS Certification Matrix](#)
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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 Internal 2.5" SSD bays
5. M.2: 1 M-Key, 2280/22110; 1 E-Key, 2230; 1 B-Key, 2242/3042
6. 9 GbE (1 port for management), 4x 10G SFP+, and 1 Dedicated IPMI LAN
7. 2 USB 3.0, 1 VGA, 1 COM via RJ45
8. 800W Redundant Power Supplies **Platinum Level (94%+)**

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-RAN13TP+
SuperServer 1019D-4C-RAN13TP+ (**Black**)

Motherboard

Super X11SDW-4C-TP13F+
[\(/en/products/motherboard/X11SDW-4C-TP13F+\)](/en/products/motherboard/X11SDW-4C-TP13F+)

Processor

CPU
Intel® Xeon® processor D-2123IT
Single Socket FCBGA-2518 supported, CPU TDP supports Up to 60W TDP
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
Quad 10G SFP+ via SoC
8x 1GbE with Intel® I350-AM4
Single 1GbE with Intel® I210
IPMI
ASPEED AST2500
Support for Intelligent Platform Management Interface v.2.0
Video
VGA via Aspeed AST2500 BMC

Input / Output

SATA
2 SATA3 (6Gbps) ports
LAN
9 RJ45 Gigabit Ethernet LAN ports
4 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
TPM
1 TPM Header & Chip both

Chassis

Form Factor
1U Rackmount
Model
CSE-515M-R804

Dimensions and Weight

Height
1.7" (43mm)
Width
17.2" (437mm)
Depth
15.7" (399mm)
Package
8" (H) x 27" (W) x 24" (D)
Weight
Gross Weight: 28 lbs (12.7 kg)
Net Weight: 18 lbs (8.16 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 B-Key: 2242/3042
1 M.2 E-Key: 2230

Drive Bays

Internal
2 Internal 2.5" drive bays

System Cooling

Fans
5x 40x56mm Hot-swap Counter-rotation PWM Fans

Power Supply

800W AC power supply w/ PFC
AC Voltage
100-240 V, 50-60 Hz
+5V
N/A
+5V standby
Max.: 4 Amp
Min.: 0 Amp
+12V
Max: 62.5A & Min: 0.5A (100Vac-127Vac)
Max: 66.6A & Min: 0.5A (200Vac-240Vac)
Max: 66.6A & Min: 0.5A (230-240Vdc)

System BIOS

BIOS Type

UEFI 256Mb

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

N/A

+3.3V

N/A

Certification



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

[**Test Report (/products/powersupply/80PLUS/80PLU804P-1R.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 \(/zh_tw/products/SMC_global_skus\)](#)