

SuperServer 1019C-FHTN8



Integrated Board



[./products/motherboard/X11/X11SCM-LN8F.cfm](/products/motherboard/X11/X11SCM-LN8F.cfm)

Super X11SCM-LN8F (</products/motherboard/X11/X11SCM-LN8F.cfm>)

Views: | **Angled View** (/a_images/products/views/1019C-FHTN8_angle.jpg) | **Top View** (/a_images/products/views/1019C-FHTN8_top.jpg) |

| **Front View** (/a_images/products/views/1019C-FHTN8_front.jpg) | **Rear View** (/a_images/products/views/1019C-FHTN8_rear.jpg) |

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Key Applications

uCPE Network Appliance
Network Security Appliance
Virtualization

Key Features

1. Single Socket H4 (LGA 1151) supports Intel® Xeon® processor E-2100 / E-2200 series, 8th Gen. Intel® Core™ i3 Processors, Intel® Celeron®, Intel® Pentium®
2. Intel® C246 chipset
3. Up to 128GB unbuffered ECC UDIMM, DDR4-2666MHz;
4 DIMM slots
4. 1 PCI-E 3.0 x16 (FHFL) slot
5. 2 Hot-swap 2.5" SATA3 drive bays,
2 Internal 2.5" SATA3 drive bays (SSD only)
6. **M.2 Interface:**
1 SATA/PCI-E 3.0 x4 and 1 PCI-E 3.0 x4
M.2 Form Factor: 2280/22110
M.2 Key: M-Key
7. 8 GbE LAN ports, 1 Dedicated IPMI LAN
8. 2 USB 3.1, 2 USB 2.0, 1 VGA
9. 350W AC-DC multiple output
Platinum Level 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-1019C-FHTN8
SuperServer 1019C-FHTN8 (**Black**)

Motherboard

Super X11SCM-LN8F
(</products/motherboard/X11/X11SCM-LN8F.cfm>).

Processor

CPU
Single Socket H4 (LGA 1151),
CPU TDP support up to 80W
Support Intel® Xeon® processor E-2100 / E-2200 series, 8th Gen.
Intel® Core™ i3 Processors, Intel® Celeron®, Intel® Pentium®

System Memory

Memory Capacity
4 DIMM slots
Up to 128GB Unbuffered ECC UDIMM
Memory Type
2666/2400/2133MHz ECC DDR4 SDRAM
DIMM Sizes
32GB, 16GB, 8GB, 4GB
Note
128GB system memory capacity will be available in 2019 through a published BIOS update.

On-Board Devices

Chipset
Intel® C246 chipset
SATA
Intel® C246 controller for SATA3 (6 Gbps) ports; RAID 0, 1, 5, 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 AST2500 BMC
Network Controllers
Eight LAN with Intel® I210-AT
Video
VGA via Aspeed AST2500 BMC

Input / Output

SATA
5 SATA3 (6Gbps) ports
LAN
8 RJ45 Gigabit Ethernet LAN ports
1 RJ45 Dedicated IPMI LAN port
USB
2 USB 3.1 ports (front)
2 USB 2.0 ports (front)
Video
1 VGA port
Serial Port / Header
1 COM port (option)

System BIOS

BIOS Type
UEFI 256Mb

Chassis

Form Factor
1U Rackmount
Model
CSE-513BTQC-350B (</products/chassis/1U/513B/SC513BTQC-350B.cfm>).

Dimensions and Weight

Height
1.7" (43mm)
Width
17.2" (437mm)
Depth
15" (381mm)
Package
8" (H) x 24" (W) x 27" (D)
Weight
Gross Weight: 14.1 lbs (6.4 kg)
Net Weight: 10.0 lbs (4.54 kg)
Available Colors
Black front panel with silver chassis

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
1 PCI-E 3.0 x16 (FHFL) slot
M.2
M.2 Interface: 1 SATA/PCI-E 3.0 x4 and 1 PCI-E 3.0 x4
M.2 Form Factor: 2280/22110
M.2 Key: M-Key

Drive Bays

Hot-swap
2 Hot-swap 2.5" SATA3 drive bays
Internal
2 Internal 2.5" SATA3 drive bays (SSD only)

System Cooling

Fans
4x 40x28mm 4-pin PWM fans (optional: 2 additional fans)

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

Management

Software

Intel® Node Manager

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

NMI

[SSM \(/solutions/SMS_SSM.cfm\)](/solutions/SMS_SSM.cfm), [SPM](/solutions/SMS_SPM.cfm)

[\(/solutions/SMS_SPM.cfm\)](/solutions/SMS_SPM.cfm), [SUM](/solutions/SMS_SUM.cfm)

[\(/solutions/SMS_SUM.cfm\)](/solutions/SMS_SUM.cfm),

Watch Dog

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

+5V standby

Max.: 3 Amp

Min.: 0 Amp

+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 \(/products/powersupply/80PLUS/80PLUS1H.pdf\)](/products/powersupply/80PLUS/80PLUS1H.pdf)]

Operating Environment / Compliance

RoHS

RoHS Compliant

Environmental Spec.

Operating Temperature:

0°C to 40°C (32°F to 104°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 \(/zh_tw/products/SMC_global_skus\)](/zh_tw/products/SMC_global_skus)