

# X11SCQ-L

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## High Performance Workstation 2667MHz DDR4

### Key Features

- 8th/9th Generation Intel® Core™ i9/Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® Processor
- Single Socket LGA-1151 (Socket H4) supported, CPU TDP support Up to 95W TDP
- Single LAN with Intel® Ethernet Controller I210-AT
- Single LAN with Intel® PHY I219LM LAN controller
- Intel® H310
- Up to 32GB Unbuffered non-ECC UDIMM, DDR4-2666MHz, in 2 DIMM slots
- 1 PCIe 3.0 x16
- 1 PCIe 2.0 x4
- 1 PCIe 2.0 x1
- Intel® H310 controller for 4 SATA3 (6 Gbps) ports;
- 1 DVI - D port, 1 HDMI port, 1 DP (DisplayPort) port, 1 eDP (Embedded DisplayPort) port,
- 2 Independent Displays

### Specifications

**Product SKUs****MBD-X11SCQ-L****Physical Stats****Form Factor**

uATX

**Dimension**

9.6" x 9.6" (24.38cm x 24.38cm)

**Processor****CPU**

8th/9th Generation Intel® Core™ i9/Core™ i7/Core™ i5/Core™ i3/Pentium®/Celeron® Processor

Single Socket LGA-1151 (Socket H4) supported, CPU TDP supports Up to 95W TDP

**System Memory****Memory Capacity**

2 DIMM slots

Up to 32GB Unbuffered non-ECC UDIMM, DDR4-2666MHz

**Memory Type**

2666/2400/2133/1866/1600 MT/s SDRAM 72-bit, 288-pin

**DIMM Sizes**

4GB, 8GB, 16GB

**Memory Voltage**

1.2V

**On-Board Devices****Chipset**

Intel® H310

**SATA**

Intel® H310 controller for 4 SATA3 (6 Gbps) ports

**Audio**

7.1 HD Audio

**Graphics**

1 Intel® HD Graphics port(s)

**Network Controllers**

Single LAN with Intel® PHY I219LM LAN controller

Single LAN with Intel® Ethernet Controller I210-AT

**Input / Output****LAN**

2 RJ45 Gigabit Ethernet LAN ports

**USB**

6 USB 2.0 port(s) (4 via header; 2 rear)

4 USB 3.1 Gen1 port(s) (2 rear type A; 2 rear type C)

**Video Output**

1 DP (DisplayPort) port(s), 1 HDMI port(s), 1 DVI - D port(s), 1 eDP (Embedded DisplayPort) port(s)

**Serial Port**

6 COM Port(s) (6 header)

**DOM**1 SuperDOM (/SATADOM/), (Disk on Module) port with build power**TPM**

1 TPM Header

**Expansion Slots****PCIe**

1 PCIe 3.0 x16

1 PCIe 2.0 x4

1 PCIe 2.0 x1

**System BIOS****BIOS Type**

AMI UEFI

**BIOS Features**

ACPI 6.1

SMBIOS 3.1

UEFI 2.6

PCI FW 3.0

**Management****Software**

SuperDoctor® 5, NMI, Watchdog

**System Management Software**

SuperDoctor 5

**Power Configurations**

ACPI Power Management, ATX Power connector

**PC Health Monitoring****Voltage**

VBAT, System temperature, Monitors CPU voltages, Chassis intrusion header, 4 fans with tachometer monitoring, 1.2V (VDIMM), +5V, +3.3V, +12V, Memory Voltages

**LED**

Power LED

**Temperature**

Monitoring for CPU and chassis environment

CPU thermal trip support

**FAN**

4x 4-pin fan headers (up to 4 fans)

Fan speed control

4 fans with tachometer monitoring

**Other Features**

WOL

RoHS

Chassis intrusion header

ATX Power connector

ACPI power management

**Operating Environment****Operating Temperature Range**

0°C - 60°C (32°F - 140°F)

**Non-Operating Temperature Range**

-40°C - 85°C (-40°F - 185°F)

**Operating Relative Humidity Range**

10% - 85% (non-condensing)

**Non Operating Relative Humidity Range**

5% - 95% (non-condensing)

## Parts List

### Standard Parts (Bulk Package)

#### I/O Cables

Part Number CBL-0044L • [eStore](#)  
(<https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html>).

Qty 2  
Description 57.5 cm SATA FLAT S-S  
PBF

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#### I/O Shield

Part Number MCP-260-00125-0N  
Qty 1  
Description Standard I/O Shield for  
X11SCQ/-L with EMI  
Gasket

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### Standard Parts (Retail Package)

#### I/O Cables

Part Number CBL-0044L • [eStore](#)  
(<https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html>).

Qty 4  
Description 57.5 cm SATA FLAT S-S  
PBF

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#### I/O Shield

Part Number MCP-260-00125-0N  
Qty 1  
Description Standard I/O Shield for  
X11SCQ/-L with EMI  
Gasket

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#### QRG

Part Number MNL-2110-QRG  
Qty 1  
Description Motherboard Quick  
Reference Guide

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### Optional Parts

#### Dual Serial Port Cable for COM3/4 and COM5/6

Part Number CBL-CUSB-0984 • [eStore](#)  
(<https://store.supermicro.com/2-9-pin-to-20pin-20cm-cable-cbl-cusb-0984.html>).

Qty --  
Description 20CM Dual Serial Port  
Cable (Use with COM3/4,  
COM5/6)

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#### Single Serial Port Cable for COM1 and COM2

Part Number CBL-0010L • [eStore](https://store.supermicro.com/supermicro-9-pin-26cm-serial-port-dtk-cable-with-pcie-bracket-cbl-0010L.html)  
(<https://store.supermicro.com/supermicro-9-pin-26cm-serial-port-dtk-cable-with-pcie-bracket-cbl-0010L.html>).

Qty --

Description 9-Pin 26CM Serial Port Cable (Use with COM1, COM2)

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[Global SKU \(/en/products/SMC\\_global\\_skus\)](/en/products/SMC_global_skus)

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