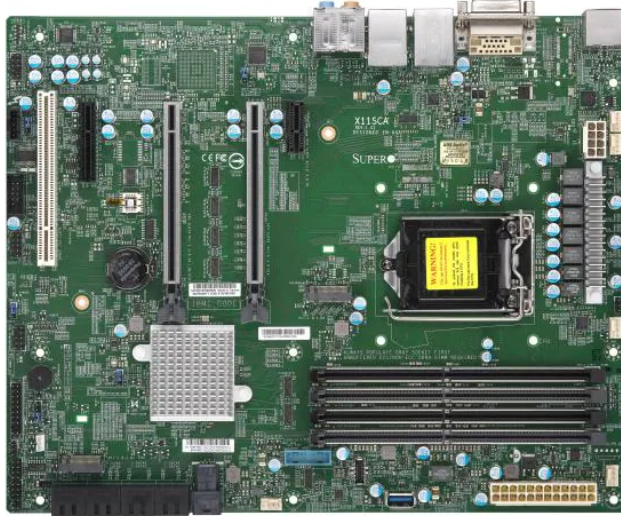


# X11SCA

---



**Workstation**

## Key Features

8th/9th Gen Intel® Core™ i9/i7/i5/i3, Pentium® and Celeron® Processors, Intel® Xeon® E-2100 Processors, Intel® Xeon® E-2200 Processors, Single LGA-1151 (Socket H4), Up to 95W TDP

Intel® C246

Single LAN with Intel® Ethernet Controller I210-AT

Single LAN with Intel® PHY I219LM LAN controller

Support vPro

Up to 128GB Unbuffered ECC/non-ECC UDIMM, DDR4-2666MHz, in 4 DIMM slots

1 PCIe 3.0 x4,

1 PCIe 3.0 x1,

2 PCIe 3.0x16 (NA/16 or 8/8)

1 5V PCI 32bit

**M.2 Interface:** 2 PCIe 3.0 x4

**M.2 Form Factor:** 2242/2260/2280/22110

**M.2 Key:** M-Key

M.2#1 are shared with PCIe x4 slot, M.2#2 is shared with U.2

U.2 Interface: 1 PCIe 3.0 x4

1 HDMI port, 1 DVI - D port, 1 DP (DisplayPort) port,

Intel UHD P630 graphic(For CPU Xeon E-21XXG/E-22XXG series only)

Intel® C246 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10

## Optimized Servers

[SYS-5039C-T](#)

## Specifications

**Product SKUs****MBD-X11SCA****Physical Stats****Form Factor**

ATX

**Dimension**

12" x 9.6" (30.48cm x 24.38cm)

**Processor****CPU**

Intel® Xeon® E-2100 Processor, Intel® Xeon® E-2200 Processor, 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**

4 DIMM slots

Up to 128GB Unbuffered ECC/non-ECC UDIMM, DDR4-2666MHz

**Memory Type**

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

**DIMM Sizes**

2GB, 4GB, 8GB, 16GB, 32GB

**Memory Voltage**

1.2V

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

Intel® C246

**SATA**

Intel® C246 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10

**Audio**

ALC 888S HD Audio

**Graphics**

Intel UHD P630 graphic(For CPU Xeon E-21XXG/E-22XXG series only)

**Network Controllers**

Single LAN with Intel® PHY I219LM LAN controller

Single LAN with Intel® Ethernet Controller I210-AT, Support vPro

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

2 1GbE LAN ports

**USB**

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

4 USB 3.1 Gen2 port(s) (1 via header; 1 rear type C; 1 type A; 1 rear type A)

2 USB 2.0 port(s) (2 via header)

**Video Output**

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

**Serial Port**

1 COM Port(s) (1 header)

**DOM**1 SATA DOM (Disk on Module) power connector support**TPM**

1 TPM Header

**Expansion Slots****PCIe**

1 PCIe 3.0 x4,

1 PCIe 3.0 x1,

2 PCIe16 slots are running at NA/16, or 8/8

1 - 5V PCI 32bit

**M.2**

M.2 Interface: 2 PCIe 3.0 x4

Form Factor: 2242/2260/2280/22110

Key: M-Key

M.2#1 are shared with PCIe4 slot, M.2#2 is shared with U.2

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

128MB UEFI

**Management****Software**

SuperDoctor® 5, AMT, vPro, Watchdog

**System Management Software**

SuperDoctor 5

**Power Configurations**

Power-on mode for AC power recovery, ACPI Power Management, ATX Power connector, Keyboard Wakeup from Soft-Off

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

VBAT, Chipset Voltage, Chassis intrusion header, 5 -fan status, +5V standby, +5V, +3.3V, +12V, +1.8V, Memory Voltages

**LED**

Standby alert LED

**FAN**

5 fans with tachometer status monitoring

**Other Features**

WOL, RoHS, CPU thermal trip support for processor protection, Control of power-on for recovery from AC power loss, Chassis intrusion header, Chassis intrusion detection, ATX Power connector, ACPI power management, 8-pin 12v DC power connector

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

0°C - 50°C (32°F - 122°F)

**Non-Operating Temperature Range**

-20°C - 60°C (-4°F - 140°F)

## Parts List

### Standard Parts (Bulk Package)

**IO shield**

Part Number MCP-260-00122-0N

Qty 1

Description X11SCA Series IO Shield

**M.2 SSD Holder**

Part Number	MCP-450-00005-0B or MCP-450-00006-0B
Qty	2
Description	M.2 SSD Holder

---

**SATA cable**

Part Number	CBL-0044L • <a href="#">eStore</a>
Qty	2
Description	SATA 3 Cable

---

**Standard Parts (Retail Package)****IO shield**

Part Number	MCP-260-00122-0N
Qty	1
Description	X11SCA Series IO Shield

---

**M.2 SSD Holder**

Part Number	MCP-450-00005-0B or MCP-450-00006-0B
Qty	2
Description	M.2 SSD Holder

---

**Quick Reference Guide**

Part Number	MNL-2087-QRG
Qty	1
Description	X11SCA Series Quick Reference Guide

---

**SATA cable**

Part Number	CBL-0044L • <a href="#">eStore</a>
Qty	6
Description	SATA 3 Cable

---

**Optional Parts****TPM security module (optional, not included)**

Part Number	AOM-TPM-9671V-C	AOM-TPM-9670V-C	AOM-TPM-9670V	AOM-TPM-9671V
Qty	1	1	1	1
Description	-	-	-	-

---