

# SuperServer 1019S-MP



**Integrated Board**



**Super X11SSV-M4**

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

## Product SKUs

**SYS-1019S-MP** ■ SuperServer 1019S-MP (Black)

## Motherboard

**Super X11SSV-M4**

## Processor/Cache

**CPU** ■ Intel® Xeon® processor E3-1515M v5  
■ Single Socket FCBGA 1440, QPI up to 8.0GT/s, CPU TDP support 45W

## System Memory

**Memory Capacity** ■ 2x DDR4 SO-DIMM slots  
■ Up to 32GB Unbuffered ECC/non-ECC SO-DIMM, DDR4-2133MHz, in 2 DIMM slots

**Memory Type** ■ 2133/1866/1600MHz ECC/Non-ECC DDR4 SODIMMs

**DIMM Sizes** ■ 16GB, 8GB, 4GB

**Memory Voltage** ■ 1.2 V

## On-Board Devices

**Chipset** ■ Intel® CM236 Chipset

**SATA** ■ Intel® CM236 controller for 4 SATA3 (6 Gbps) ports; RAID 0, 1, 5, 10; Intel RSTe

**Network Controllers** ■ Single LAN with Intel® PHY I219LM LAN controller  
■ Single LAN with Intel® Ethernet Controller I210-AT  
■ Dual LAN with Intel® Ethernet Controller I350-AM2  
■ Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output

**Audio** ■ ALC 888S HD Audio

**Graphics** ■ Intel® Iris Pro Graphics P580

## Input / Output

**Serial ATA** ■ 4 SATA3 (6Gbps) ports; RAID 0, 1, 5, 10; Intel RSTe

**LAN** ■ 4 RJ45 Gigabit Ethernet LAN ports

**USB** ■ 4 USB 3.0 ports (rear)

**Audio** ■ ALC 888S HD Audio

**Display** ■ 1 Display Port 1.2, 1 HDMI 2.0, 1 DVI-I, 3 Independent Displays

## Key Features

- Video Transcoding and Streaming
- Intel Iris Pro Graphics P580 with 128MB of on-Package cache for high performance graphics
- Digital Signage, Indoor Kiosk
- Interactive information system

1. Single socket FCBGA 1440 supports Intel® Xeon® processor E3-1515M v5, 4-Core, 8 Threads, 45W

2. Intel® CM236 Chipset

3. 1 internal 2.5" hard drive support

4. Up to 32GB ECC/non-ECC Unbuffered SO-DIMM DDR4-2133 in 2 sockets

5. 1 Mini PCIe (mSATA support), 1 M.2 PCIe 3.0 x4 (SATA support), M Key 2242/80

6. 1 DVI-I, 1 HDMI, 1 DP, 3 independent displays, and ALC 888S HD Audio

7. 4 GbE, 4 USB 3.0 ports (rear), 2 SATADOM support, 1 COM (in RJ45)

8. 2x 6cm cooling fans

9. 84W DC power adapter

#### Chassis

<b>Form Factor</b>	■ Mini-ITX
<b>Model</b>	■ <b>CSE-101iF</b>
<b>Dimensions</b>	
<b>Width</b>	■ 7.68" (195mm)
<b>Height</b>	■ 2.68" (68mm)
<b>Depth</b>	■ 7.68" (195mm)
<b>Weight</b>	■ Gross Weight: 6.68 lbs (3.04 kg) ■ Net Weight: 3.86 lbs (1.75 kg)
<b>Available Colors</b>	■ Black

#### Front Panel

<b>Buttons</b>	■ Power button
<b>LEDs</b>	■ Power LED (Hard drive activity LED)
<b>I/O Ports</b>	■ 4 USB 3.0 (rear)

#### Expansion Slots

<b>PCI-E</b>	■ 1 Mini-PCIe w/ mSATA support ■ 1 M.2 PCIe 3.0 x4 (SATA support), M Key 2242/80
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#### Drive Bays

<b>Internal</b>	■ 1 internal 2.5" drive tray ■ Enterprise SATA HDD only recommended
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#### System Cooling

<b>Fans</b>	■ 2x 6cm 4-pin cooling fans
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#### Power Supply

84W DC Power Adapter
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#### System BIOS

<b>BIOS Type</b>	■ AMI UEFI
<b>BIOS Features</b>	■ ACPI 5.0 ■ DMI 2.3 ■ PCI 3.0 ■ Plug and Play (PnP) ■ SMBIOS 3.0 ■ UEFI 2.3.1 ■ USB Keyboard support

#### Operating Environment / Compliance

<b>RoHS</b>	■ RoHS Compliant
<b>Environmental Spec.</b>	■ Operating Temperature: 10°C to 35°C (50°F to 95°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: 5% to 95% (non-condensing)

#### Parts List - (Items Included)

	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>
<b>Motherboard / Chassis</b>	MBD-X11SSV-M4	1	Super X11SSV-M4 Motherboard
	CSE-101iF	1	Embedded Mini-ITX Chassis with VESA and wall mount kit
<b>Power Supply</b>	MCP-250-10137-0N	1	84W, Lockable AC to DC adapter without power cord - EN62368
<b>Parts</b>	MCP-260-00056-0N	1	Standard I/O Shield for X9SPV-M4 with EMI Gasket