

# 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.

## 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. 2x6cm cooling fans
9. 84W DC power adapter

# Specifications

## 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

## Chassis

- Form Factor** ■ Mini-ITX

- Model** ■ **CSE-101iF**

## Dimensions

- Width** ■ 7.68" (195mm)
- Height** ■ 2.68" (68mm)
- Depth** ■ 7.68" (195mm)
- Weight** ■ Gross Weight: 6.68 lbs (3.04 kg)
  - Net Weight: 3.86 lbs (1.75 kg)
- Available Colors** ■ Black

## Front Panel

- Buttons** ■ Power button
- LEDs** ■ Power LED (Hard drive activity LED)
- I/O Ports** ■ 4 USB 3.0 (rear)

## Expansion Slots

- PCI-E** ■ 1 Mini-PCIe w/ mSATA support
  - 1 M.2 PCIe 3.0 x4 (SATA support), M Key 2242/80

## Drive Bays

- Internal** ■ 1 internal 2.5" drive tray
  - Enterprise SATA HDD only recommended

## System Cooling

- Fans** ■ 2x 6cm 4-pin cooling fans

## Power Supply

- 84W DC Power Adapter

## System BIOS

- BIOS Type** ■ AMI UEFI
- BIOS Features** ■ 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

- RoHS** ■ RoHS Compliant
- Environmental Spec.** ■ 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

## Parts List - (Items Included)

	Part Number	Qty	Description
<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-250-10122-0N	1	84W Lockable power adapter with US power cord, RoHS
<b>Parts</b>	MCP-260-00056-0N	1	Standard I/O Shield for X9SPV-M4 with EMI Gasket