

Tower Server Desktop

Configuration Number: BASE CONFIG
SL-DK-MCX-C621DAI-LD



Intel Xeon Scalable Platform

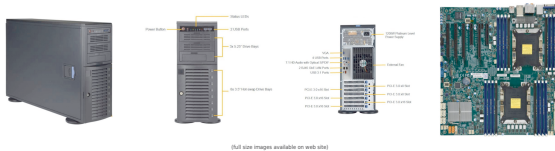
Type:

- Tower Server
- Dimension: 25.50" x 7" x 17.80", Locking Front Bezel

Motherboard:

- Featuring Intel C621 Chipset and Intel Xeon Scalable Processors processor
- **Full Height Slots:**
 - 4 - PCIe x16
 - 2 - PCIe x8
- **LAN:** 2x Ports (1GbE (10/100/1000))
- **RAID:** 0,1,5,10
- **Video:** VGA
- **Audio:** 7.1 HD Audio
- **Ports:**
 - 6x USB 3.2 Gen 1 Ports (2 Front, 4 Rear)
 - 1x USB 3.2 Gen 2 Port (1 Rear)
 - 1x USB 3.2 Gen 2 Type-C Port (1 Rear)

See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°F)



Configuration summary:

- **Processor:** 2 x Xeon Bronze 3104 - 1.70GHz Six Core Intel Processor - 8.25MB Cache (85W)
- **Memory:** 2 x 8GB DDR4 2666MHz ECC Registered RAM
- **Hard Drive:** 250GB NVMe SSD M.2 2.9GB/1.3GB - Samsung 980
- **Power Supply:** 1200W high-efficiency power supply w/ PMBus
- **Operating System:** Not Included -

- **Warranty:** One-Year Depot Warranty

Technical Specifications

MotherBoard Specifications:

Motherboard Model

- Motherboard Type: Extended ATX

Supported CPU

- Number of Processors: 2
- Processor Type: Intel Xeon Scalable Processors

Chipset

- Chipset: Intel C621 Chipset

Memory

- Memory Type: DDR4 2400MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 16
- Maximum Memory: 1024GB

On Board Audio

- Audio Type: 7.1 HD Audio

On Board Video

- Video Chipset: ASPEED AST2500 BMC
- Video on IO: VGA
- VGA Port Out: 1

LAN

- LAN Ports: 2
- LAN Type: 1GbE (10/100/1000)
- LAN Chipset: Intel PCH C621
- Second LAN Chipset: Intel PCH C621
- Third LAN Chipset: Dedicated IPMI
- Wireless LAN: No Integrated WLAN

Drive Interface

- SATA III Ports (6GB): 10
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

Expansion Slots

- PCI Express x16 Slots On Motherboard: 4
- PCI Express x8 Slots On Motherboard: 2

M.2 Slot Specs

Chassis Specifications:

General

- Form Factor: Full Tower
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Slide Rails: Optional

Expansion

- Full Height Slots: 7
- Max Card Depth: 12.28"
- External 5.25" Bays: 3
- 3.5" Hot Swap Bays: 8

Front Ports

- USB 3.2 Ports (Front): 2

Cooling System

- Maximum Fan Count: 5
- Included Fans: 3

Physical

- Depth: 25.50"
- Depth (Inches): 25.5
- Width: 7"
- Height: 17.80"
- Shipping Box - Depth: 31.30"
- Shipping Box - Width: 14"
- Shipping Box - Height: 24.60"
- Shipping Weight: 71lbs

Power

- Built-in Chassis Power Supply: 1200W high-efficiency power supply w/ PMBus

- Total M.2 NVMe SSD Slots: 1
- M.2 Slot #1 Specs
- 22110 - 22 mm x 110 mm.
- 2260 - 22 mm x 60 mm.
- 2280 - 22 mm x 80 mm.

Rear IO

- USB 3.2 Gen 1 Type A Ports (on IO): 4
- USB 3.2 Gen 2 Type A Ports (on IO): 1
- USB 3.2 Gen 2 Type C Ports (on I/O): 1
- SPDIF Connector: 1
- Audio on IO

Headers

- USB 3.2 Gen 1 Ports (on Headers): 2
- FAN Connectors: 8
- DOM
- Chassis Intrusion

Management Features

- NMI
- Watch Dog
- TPM Support: Via 2.0 Header

Environmental

- Operating Temperature: 10°C to 35°C (50°F to 95°F)
- High Humidity: 90%
- Low Humidity: 8%

Operating System Support

- Windows 10 Pro (64-Bit)
- Windows 10 Pro WS (64-Bit)
- Windows 10 IoT Ent
- Windows 10 IoT Ent 2019 LTSC
- SL-Windows 11PRO to 10PRO 64bit
- Windows Server 2016 STD
- RED HAT Enterprise LINUX SERVER STANDARD
- VMWare Compatible

Compliance of Component

- CE
- RoHS
- FCC

Warranty of Component

- Motherboard Warranty: 1 Year

Other Features

- Other Features:
 - 4 PCI-E 3.0 x16,
 - 2 PCI-E 3.0 x8

(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers.)

- Interface: PCIe 3.0 x4
- Form Factor: M-Key 2260, 2280, 22110



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