

SuperServer 5029C-T



Integrated Board



X11SCL-iF

Views: | [Angled View](#) | [Opened View](#) | [Side View](#) |
| [Front View](#) | [Rear View](#) | [Side View](#) |

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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

**File server/ Entry Storage
Local Cloud and Web Hosting
Mainstream, Compact**

1. Single socket H4 (LGA 1151) supports Intel® Xeon® processor E-2100 / E-2200 series, 8th Gen. Intel® Core™ i3 Processors, Intel® Celeron®, Intel® Pentium®
2. Intel® C242 chipset
3. Up to 64GB ECC UDIMM, up to DDR4-2666MHz; 2 DIMM slots
4. 1 PCI-E 3.0 x16 slot (for LP AOC)
5. 4 Hot-swap 3.5" drive bays with BPN, 2 fixed 2.5" drive bays, 1 optional slim DVD-ROM bay
6. **M.2 Interface:** 1 PCI-E 3.0 x4 or SATA 3.0
M.2 Form Factor: 2280
M.2 Key: M-Key
7. 2 GbE LAN ports, 1 dedicated IPMI LAN
8. 2 USB 3.1 Gen1 (front), 2 USB 3.1 Gen1 (rear), 2 USB 2.0 (rear)
9. 1 VGA, 1 COM, 1 TPM
10. 350W Gold Level power supply (Updated for 2021 Version)

Specifications

Chassis

Form Factor ■ Mini Tower

Model ■ **CSE-721TQ-350B2**

Dimensions and Weight

Height ■ 9.45" (240mm)

Width ■ 8.27" (210mm)

Depth ■ 11" (279mm)

Weight ■ Gross Weight: 15 lbs (6.8 kg)

Available Colors ■ Black

Front Panel

Buttons ■ Power On/Off button
■ System Reset button

LEDs ■ Power LED
■ Hard drive activity LED
■ Network activity LEDs
■ System Information LED

Ports ■ 2 USB 3.1 Gen1 ports

Expansion Slots

PCI-E ■ 1 PCI-E 3.0 x16 slot, for low-profile AOC

Drive Bays

HDD ■ 4 Hot-swap 3.5" drive bays with BPN
■ 2 internal 2.5" drive bays

Peripheral ■ 1 optional slim DVD-ROM bay

Power Supply

350W Flex ATX Multi-output Gold Power Supply

Total Output Power and Input ■ 350W with Input 100 - 240Vac

AC Input Frequency ■ 50-60Hz

+5V ■ Max:15 Amp; Min:0.2 Amp

+12V ■ Max:28 Amp; Min:0.1 Amp @100V-240V

+3.3V ■ Max: 10 Amp Min: 0.1 Amp

5VSB ■ Max: 2 Amp Min: 0.05 Amp

-12V ■ Max: 0.3 Amp Min: 0.05 Amp

Certification



Gold Level

PC Health Monitoring

Product SKUs

- SYS-5029C-T** ■ SuperServer 5029C-T (**Black**)

Motherboard

Super X11SCL-iF

Processor

- CPU**
 - Single Socket H4 (LGA 1151), CPU TDP support up to 80W
 - Support Intel® Xeon® Processor E-2100 / E-2200 series, 8th Gen. Intel® Core™ i3 / Pentium® / Celeron® Processors

- Cores** ■ 6 cores, 12 threads

- Note** ■ BIOS 1.0b or above is required to support Intel® Xeon® processor E-2200 series

System Memory

- Memory Capacity**
 - 2 DIMM slots
 - Up to 64GB ECC UDIMM
 - Up to DDR4-2666MHz

- Memory Type** ■ 2666/2400/2133MHz ECC DDR4 SDRAM

- DIMM Sizes** ■ 32GB, 16GB, 8GB, 4GB

- Note** ■ Future support for 64GB via BIOS update expected in early 2019

On-Board Devices

- Chipset** ■ Intel® C242 chipset

- SATA**
 - SATA3 (6Gbps) via Intel C242 controller
 - RAID 0, 1, 5, 10 support

- IPMI** ■ ASPEED AST2500

- Network Controllers** ■ Dual LAN with Intel® I210-AT

- Video** ■ ASPEED AST2500 BMC

Input / Output

- SATA** ■ 4 SATA3 (6Gbps) ports

- LAN**
 - 2 RJ45 Gigabit Ethernet LAN ports
 - 1 RJ45 Dedicated IPMI LAN port

- USB**
 - 2 USB 3.1 Gen1 (front)
 - 2 USB 3.1 Gen1 (rear)
 - 2 USB 2.0 (rear)

- Video** ■ 1 VGA port

- Serial Port / Header** ■ 1 COM port

- DOM** ■ SATA DOM (Disk on Module) power connector support

- TPM** ■ 1 TPM 2.0 Header

Management

- Software**
 - SuperDoctor® 5
 - Watch Dog
 - Non-maskable Interrupt (NMI)
 - Chassis intrusion detection

CPU

- Monitors for CPU Cores, +1.8V, +3.3V, +5V, +-12V, +3.3V Standby, +5V Standby, VBAT, Memory, Chipset Voltages.
- 3+0 CPU switch phase voltage regulator
- CPU thermal trip support

FAN

- Low noise fan speedcontrol

Temperature

- Monitoring for CPU and chassis environment
- Thermal Control for 4x 4-pin fan connectors
- Platform Environmental Control Interface (PECI)

System BIOS

- BIOS Type** ■ UEFI 256Mb

- BIOS Features**
 - ACPI 6.0
 - SMBIOS 2.7
 - Plug and Play (PnP)
 - RTC (Real Time Clock) Wakeup
 - PCI F/W 3.0

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 60°C (-40°F to 140°F)
 - Operating Relative Humidity: 20% to 95% (non-condensing)
 - Non-operating Relative Humidity: 5% to 95% (non-condensing)

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	MBD-X11SCL-iF	1	Super X11SCL-iF Motherboard
	CSE-721TQ-350B2	1	Mini Tower Chassis
Air Shroud	MCP-310-00095-0B	1	
Backplane	CSE-SAS-733TQ	1	4x3.5" SAS2/SATA3 backplane w/SES-II
Cable 1	CBL-0484L	4	SATA,INT,ROUND,ST-ST,55CM,30AWG
Cable 2	CBL-0157L	1	CBL,SGPIO,2X4F TO 2X4F,P2.54,RIBBON IN RND TUBE,40CM,28AWG
Manual	MNL-2170-QRG	1	SYS-5029C-T Quick Reference Guide
Parts	MCP-260-00042-0N	1	STD I/O shield for X9 socket R server MB with Gasket.
Power Supply	PWS-353-1H	1	1U Flex ATX 350W Multi-output Gold power supply

Optional Parts List

	Part Number	Qty	Description
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray
DVD-ROM / DVD-RW	DVM-TEAC-DVD-SBT5	-	Black slim SATA DVD (8x DVD, 24x CDR), TEAC
SATA DVD Kit	MCP-220-81502-0N	-	Slim SATA DVD kit
Cable	CBL-PWEX-0645	-	Big 4 pin male to big 4 pin female, power extension 15cm, 20AWG
Adaptor HDD carrier	MCP-220-00118-0B	-	Black gen-5.5 tool-less 3.5-to-2.5 converter drive tray,RoHS/REACH
CPU Heatsink Fan	SNK-P0074AP4	-	Active CPU Heat Sink w/ a Side-mount Fan for Intel Socket H Series Motherboards