



X13 Mainstream

Key Features

- 4th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-4677 (Socket E) , CPU TDP supports up to 350W TDP
Support CXL
Intel® C741 Chipset
Up to 4TB 3DS ECC RDIMM, DDR5-4800MT/s(1DPC) in 16 DIMM slots
4 PCIe 5.0 x16
2 PCIe 5.0 x8
Broadcom BCM5720 Dual ports 1G LAN
6 USB3.0 and 3 USB2.0
2 SATA DOM ports
2 M.2
6 NVMe ports PCIe 5.0 x4 via 3 MCIO connectors
8 SATA3.0 ports

Optimized Servers

SYS-621P-TR (/de/products/system/mainstream/2u/sys-621p-tr), SYS-741P-TR (/de/products/system/mainstream/4u/sys-741p-tr), SYS-221P-C9R (/de/products/system/mainstream/2u/sys-221p-c9r).

Specifications

Table with 1 column: Specifications. Rows include Product SKUs (MBD-X13DEI), Physical Stats (EATX), Dimension (12.1" x 13.05" (30.74cm x 33.15cm)), Processor (4th Gen Intel® Xeon® Scalable), System Memory (16 DIMM slots), Memory Capacity (Up to 4TB 3DS ECC RDIMM), Memory Type (4800/4800/4000 MT/s ECC DDR5 RDIMM), DIMM Sizes (16GB, 32GB, 64GB, 128GB, 256GB), Memory Voltage (1.1V), Error Detection, On-Board Devices (Intel® C741), SATA, IPMI, Network Controllers, Input / Output, Video Output, Serial Port, TPM, and Others.

Table with 1 column: Specifications. Rows include Expansion Slots (PCIe, M.2), System BIOS (AMI 32MB AMI UEFI), BIOS Features (ACPI 6.4, SMBIOS 2.8/3.5), Management Software (Redfish API), Security Hardware (TPM 2.0), PC Health Monitoring (Voltage, LED, Temperature), and Operating Environment (Temperature, Humidity ranges).

### Parts List

#### Standard Parts (Bulk Package)

CPU carrier		
Part Number	SKT-1424L-001B-LTS	SKT-1333L-0000-FXC
Qty	2	2
Description	CPU carrier for 4th Gen Intel® Xeon® Scalable processors (MCC)	CPU carrier for 4th Gen Intel® Xeon® Scalable processors (XCC)
I/O Shield		
Part Number	MCP-260-00042-3N	
Qty	1	
Description	-	
SATA cable		
Part Number	CBL-0044L - <a href="https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html">Store (https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html)</a>	
Qty	2	
Description	57.5 cm SATA FLAT S-SPBF	

#### Standard Parts (Retail Package)

CPU carrier		
Part Number	SKT-1424L-001B-LTS	SKT-1333L-0000-FXC
Qty	2	2
Description	CPU carrier for 4th Gen Intel® Xeon® Scalable processors (MCC)	CPU carrier for 4th Gen Intel® Xeon® Scalable processors (XCC)
I/O Shield		
Part Number	MCP-260-00042-3N	
Qty	1	
Description	-	
QRG		
Part Number	MNL-2509-QRG	
Qty	1	
Description	Motherboard Quick Reference Guide	
SATA cable		
Part Number	CBL-0044L - <a href="https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html">Store (https://store.supermicro.com/supermicro-sata-flat-straight-straight-57-5cm-cable-cbl-0044l.html)</a>	
Qty	2	
Description	57.5 cm SATA FLAT S-SPBF	

#### Optional Parts

TPM security module (optional, not included)		
Part Number	AOM-TPM-9670V	
Qty	1	
Description	SPI capable TPM 2.0 with Infineon 9670 controller with vertical form factor	