

# mHPC202 NEW

2U Rackmount Server with Dual 5th/4th Gen Intel® Xeon® Scalable Processors and Intel® C741 PCH for HPC in Medical Applications



▲ Front view



▲ Rear view



## Features

- Dual 5th/4th gen Intel® Xeon® Scalable processors, up to 270W
- 16 DDR5-4800 ECC registered DIMM
- Supports 2 U.3 SSD and 6 SATA SSD slots
- 1600W redundant ATX power supply
- Supports full HD output via DisplayPort
- Supports dual 10G Base-T connectivity

## Specifications

Standard Color	Silver
Construction	Heavy-duty steel
CPU	Dual FCLGA4677 sockets for 5th/4th gen Intel® Xeon® Scalable processors, up to 270W
System Memory	16 x DDR5-4800 ECC RDIMM, up to 1TB
Chipset	PCH: Intel® C741, TDP 11W, BMC: ASpeed AST2600
Display	1 x DisplayPort 1.1a (2560 x 1600)
BIOS	AMI
Remote Management	IPMI 2.0 supported by OpenBMC
System I/O Outlet (Left to Right)	2 x USB 3.0 + 1 x DP 2 x USB 3.0 + 1 x RJ-45 1G LAN 1 x USB 3.0 type C 2 x RJ-45 10G LAN port
Watchdog Timer	Reset: 1 to 65535 sec./min. and 1 sec. or 1 min./step

## Specifications

Storage	6 x Swappable 2.5" SATA SSD, supporting RAID 0, 1, 5, 10 2 x Swappable 2.5" U.3 SSD
Ethernet	2 x 10G Base-T 1 x IPMI GbE LAN
Expansion Interface	2 PCIe riser cards inside: Riser Card #0: 2 x PCIe x16 Gen 5.0 slot for double-width cards Riser Card #1: 2 x PCIe x16 Gen 5.0 slot 1 x M.2 Key M 2280 slot with PCIe x4 (NVMe)
System Indicator	1 x Green LED for system power-on 1 x Green LED for SSD activity 1 x Green/orange LED for system health status
Power Supply	2 x 1600W redundant ATX power supply
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Relative Humidity	10% to 95% relative humidity, non-condensing
Dimensions (W x D x H)	430 x 700 x 88 mm (19" x 27.5" x 3.5")
Weight (net/gross)	13 kg (28.66 lb)

## Ordering Information

mHPC202-CCL	2U 19" rackmount server with dual 5th/4th gen Intel® Xeon® Scalable processors, 512GB DDR5-4800 ECC registered DIMM memory, 2 Micron PCIe NVMe U.3 SSD slots, 6 SATA III SSD slots, two 10GbE Base-T LAN, and dedicated IPMI LAN port
-------------	---

## System Configuration

### Optional

RAM (P/N: MTC40F2046S1R C48BA1)	64GB DDR5 4800 REG-DIMM 2Rx4, quantity: 1 to 2pcs
U.3 SSD (P/N: TBA)	Micron 7450 max series 3.84TB NVMe U.3 SSD, quantity: 1 to 2pcs
SATAIII SSD (P/N: E9B2F1256R)	Transcend 2.5" 256GB SATA III SSD (TS256S2MAX021K1), quantity: 1 to 6pcs
22" Rack rail (P/N: 7421A610000E)	NJ-21A61 server slide 22"

# Dimensions

