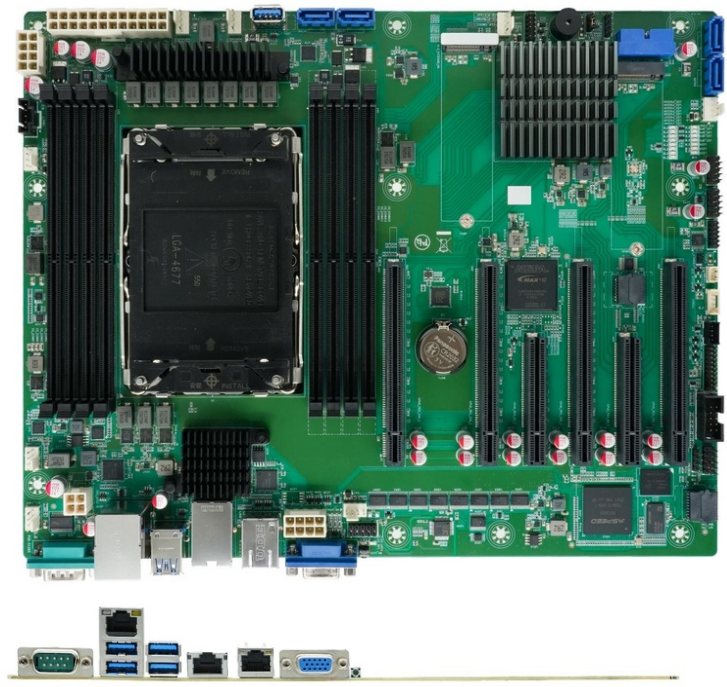
Technica

MFX-C741A

Features

- Intel 4/5th Gen Xeon Scalable Processors, socket LGA-4677
- Intel C741 Chipset
- Support DDR5-5600MHz, 8 x ECC R-DIMM Slot, up to 2TB
- Support 4 x PCIe 5.0 x16, 1 x PCIe 5.0 x8, 1 x PCIe 5.0 x4
- 4 x SATA 3.0, 2 x M.2 Key-M (PCIe 4.0 x4 NVMe SSD, 2280)
- 1 x Marvell 10GbE, 2 x Intel i210AT GbE
- 7 x USB3.2, 4 x USB2.0, 2 x COM
- BMC AST2600
- TPM2.0 onboard





Core System

CPU	Intel 4/5th Gen Xeon Scalable Processors, Socket LGA 4677, CPU TDP support up to 350W
System Memory	DDR5-5600MHz, 8 * ECC R-DIMM Slot, up to 2TB
Chipset	Intel C741
BIOS	AMI
Storage	4 x SATA 3.0 2 x M.2 Key-M (PCIe 4.0 x4 NVMe SSD, 2280)
Watchdog Timer	1 - 255 steps by software program
Expansion Slot	4 x PCIe 5.0 x16 1 x PCIe 5.0 x8 1 x PCIe 5.0 x4
Power Input	ATX Standard (24P + 8P + 8P +4P)
Smart Fan Control	1 x CPU Fan / 7 x System Fan
Dimensions	305 x 244 mm
Operating Temperature	0°C to +65°C
Storage Temperature	-20°C to +75°C
Humidity	10% to 95% relative humidity, non-condensing

Rear I/O

USB	4 x USB 3.0
Display I/O	1 x VGA
Audio I/O	-
LAN I/O	1 x Marvell 10GbE, 2 x Intel i210AT GbE (One support IPMI)
Serial Port	1 x RS-232
PS/2 Port	-
Others	1 x UID

Internal Connectors

USB	2 x USB 3.0, 2 in 1 Box Header 2 x USB 2.0, 2 in 1 Header
Display I/O	-
Audio I/O	1 x Header, Line-Out + MIC
Serial Port	1 x RS-232 Header
Parallel Port	-
GPIO	Support
FAN	Support
Power	ATX Standard (24P + 8P + 8P +4P)
Others	1 x SMBus Wafer, 1 x PMBus Wafer, 1 x Case Open Header, 1 x VROC Wafer, 1 x Front Panel Header, 8 x FAN Wafer, 1 x Buzzer

Graphics

Chipset	C741
VGA	Up to 1920 x 1200 @ 60Hz
DVI	-
HDMI	-
Display Port	-
LVDS	-
eDP (Header)	-

Others

OS Support	Windows Server 64bit, Linux
Certifications	CE / FCC Class B