

Datasheet

Microserver MI1004-CHXE

[Ver. 2.0]

Highlights at a glance:

- Incl. Intel Pentium G7400, can be equipped with a CPU (Xeon E-2400 (Raptor Lake-E)) up to 8 cores
- Incl. 16 GB RAM, upgradeable up to 64GB RAM, (2 DIMMs)
- 4x 3.5" (Hot-swap) up to 96 TB , SSDs: 30.72 TB
- Optional additional drives: 2x 2.5" (Internal, non-hot-swap)
- Expandable with 1 LP/ HL add-on card(s), 1x PCIe 5.0 x16
- Compact, silent microserver for the office
- Energy-efficient power supply 80 PLUS Gold (>87%)
- Integrated IPMI (dedicated NIC)



Mainboards

Manufacturer	ASUS	Supermicro
Mainboards	P13R-I	X13SCL-IF
Chipset	Intel C262	Intel C262
Socket	Intel LGA 1700 - Server	Intel LGA 1700 - Server
Processor	Xeon E-2400 (Raptor Lake-E)	Xeon E-2400 (Raptor Lake-E)
Main Memory	2 DIMMs 64 GiB DDR5 4800/4400 ECC Unbuffered	2 DIMMs 64 GiB DDR5 4800 ECC Unbuffered
LAN Onboard	2 x 1 GBit/s LAN (RJ-45)	2 x 1 GBit/s LAN (RJ-45)
LAN chipset		Intel i210
LAN Onboard (dedicated IPMI)		1

Onboard graphic	1x VGA ASPEED AST2600 BMC
Onboard Input/Output	USB (no PS2 ports!) 1x TPM Header
USB ports	4x USB (rear) 2x USB 2.0, 2x USB 3.2 0x USB on board (type A)

Extension-slots for additional cards

PCI slots (mainboard)	1x PCIe 5.0 x16	1x PCIe 5.0 x16
Available slots in the chassis	1x Low profile	1x Low profile

Onboard ports

SATA-3 (6 Gb/s)	6x SATA-3 (6 Gbit/s) Intel C262 RAID 0, 1, 10, 5	6x SATA-3 (6 Gbit/s) Intel C262 RAID 0, 1, 10, 5
M.2	1 x M.2 PCIe 3.0 x4	1 x M.2 PCIe 3.0 x4
M.2 form factor	2280	2280

Drives / storage capacity

Drive slots (total)	4x 3.5" (Hot-swap) 2x 2.5" (Internal, non-hot-swap)
SAS / SATA slots	2x SAS / SATA
Backplane	SATA / SAS-3 (12 Gb/s)
Max. capacity HDD (SATA)	96 TB
Max. capacity SSD (SATA)	30.72 TB

Server management

Remote management	Integrated IPMI (dedicated NIC)
-------------------	---------------------------------

Chassis

Dimensions	270 mm (H), 200 mm (W), 310 mm (D),
drives (in scope of delivery)	not contained, optional available
Drives (optional)	External USB-drives
Fan (center)	1x 120mm fan (front) (,)
Front USB ports	2

Power supply

Power supply unit	MicroServer SR301+ (SAS3) incl. 650W PSU Gold (Front Silver)
energy efficiency	87%
PMBus support	N/A

environment-requirements

Recommended ambient temperature 20 - 22 degree

Recommended humidity max. 40%

Recommended deployment location Thanks to its design and low noise output, the system is optimally equipped for use in the office.
