

R282-P92 (Rev. 100)

Rack Arm Server - Ampere® Altra® Max - 2U DP 12-Bay Gen4 NVMe/SATA



Key Features

- Supports up to 2 x Dual slot Gen4 GPUs
- Dual Ampere® Altra® Max Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 6 x 3.5"/2.5" Gen4 NVMe hot-swap bays
- 6 x 3.5"/2.5" SATA hot-swap bays
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 2 x FHFL PCIe Gen4 x16 slots for GPU
- 2 x FHHL PCIe Gen4 x16 slots
- 4 x LP PCIe Gen4 x8 slots
- 2 x OCP NIC 3.0 PCIe Gen4 x16 slots
- Dual 2000W 80 PLUS Platinum redundant power supply (-100)
- Dual 2000W 80 PLUS Titanium redundant power supply (-1T0)

Applications

Networks Server...

Specification

Dimensions	2U (W438 x H87 x D815 mm)	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
Motherboard	MP92-FS0	Backplane Board	PCIe Gen4 x4 or SATA 6Gb/s
CPU	Ampere® Altra® Max Processors Dual processor, TDP 250W	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Socket	2 x LGA 4926	Power Supply	Dual 2000W 80 PLUS Platinum redundant power supply (-100) Dual 2000W 80 PLUS Titanium redundant power supply (-1T0) AC Input: 100-240V
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs Up to 3200 MT/s	System Fans	4 x 80x80x38mm
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x R282-P92 2 x CPU heatsinks 1 x 2-Section Rail kit
Storage	Front hot-swap: 6 x 3.5"/2.5" Gen4 NVMe 6 x 3.5"/2.5" SATA, via onboard SATA controller ASM1166 Internal M.2: 1 x M.2 (2242/2260/2280/22110), PCIe Gen4 x4	Ordering Part Numbers	6NR282P92DR-00-1*
PCIe Expansion Slots	2 x FHFL PCIe Gen4 x16, for GPUs 2 x FHHL PCIe Gen4 x16 4 x LP PCIe Gen4 x8 2 x OCP NIC 3.0 PCIe Gen4 x16, Support NCSI	Optional Parts	- 3-Section Rail kit: 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - Mini-DP to D-Sub cable: 25CRN-200801-K1R



Learn more at: <https://www.gigabyte.com/Enterprise>

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