R182-P91
ARM Server - 1U DP 12-Bay NVMe

Features

- Dual Ampere® Altra® Max Processors
- 8-Channel RDIMM/LRDIMM DDR4, 32 x DIMMs
- Dual ROM Architecture supported
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x Dedicated management port
- 12 x 2.5" NVMe hot-swappable SSD bays
- 1 x Ultra-Fast M.2 with PCIe Gen4 x4 interface
- 2 x PCIe Gen4 x16 expansion slots
- 2 x OCP 3.0 Gen4 x16 mezzanine slots
- 1300W 80 PLUS Platinum redundant power supply

Backplane I/O
- Backplane P/N: 9CBP10C0NR-00
- Speed and bandwidth: PCIe Gen4 x4 per port
- TPM
- 1 x TPM header with SPI interface
- Optional TPM2.0 kit: CTM010

Power Supply
- Dual 1300W 80 PLUS Platinum redundant power supply
- AC Input: 100-240V

System Management
- Aspeed® AST2600 management controller
- GIGABYTE Management Console (AMI MegaRAC SP-X)

OS Compatibility
- RHEL 8.3 / 8.5 (aarch64) or later
- SLES 15 SP2 / 15 SP3 (aarch64) or later
- Ubuntu 18.04.5 LTS / 20.04.1 LTS / 22.04 LTS (aarch64) or later
- Fedora Server 33-1.2 / 35-1.2 (aarch64) or later
- OracleLinux R8 U2 / R8 U5
- Debian 10.9 (Buster) / 11.1

System Fans
- 8 x 40x40x56mm (29,700rpm)

Operating Properties
- Operating temperature: 10°C to 35°C
- Operating humidity: 8-80% (non-condensing)
- Non-operating temperature: -40°C to 60°C
- Non-operating humidity: 20%-95% (non-condensing)

Packaging
- 1 x R182-P91 system
- 2 x CPU heatsinks
- 1 x Rail kit

Reference Numbers
- Barebone package: 6NR182P91DR-00
- Motherboard: 9MP92-FS0
- Rail kit: 25HB2-3A0206-K0R
- CPU heatsink: 25ST1-45320B-A3R
- Back plane board: 9CBP10C0NR-00
- Front panel board:_CFP1030: 9CFP1030NR-00
- Power supply module: 25EP0-213002-F3S

Learn more about GIGABYTE server solutions, visit www.gigabyte.com/Enterprise

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