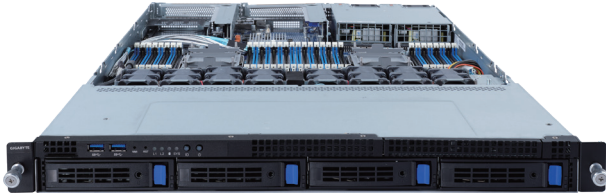


R181-340

Intel Xeon Rack Server - 1U DP 4-Bay



Features

- 2nd Gen. Intel® Xeon® Scalable Processors
- 6-Channel RDIMM/LRDIMM DDR4, 24 x DIMMs
- Supports Intel® Optane™ DC Persistent Memory
- Dual 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x Dedicated management port
- 4 x 3.5"/2.5" SATAIII hot-swappable HDD/SSD bays
- 1 x 2.5" internal fixed HDD/SSD bay
- 3 x PCIe Gen3 expansion slots
- 2 x OCP Gen3 x16 mezzanine slots
- Aspeed® AST2500 remote management controller
- Dual 1200W 80 PLUS Platinum redundant / hot-swap power supply

Specification

| | | | |
|------------------------|--|-----------------------------|---|
| Dimensions | 1U (W438 x H43.5 x D730 mm) | Backplane I/O | 4 x SATA ports; Bandwidth: SATAIII 6Gb/s per port |
| Motherboard | MR91-FS0 | TPM | 1 x TPM header with LPC interface Optional TPM2.0 kit: CTM000 |
| CPU | 2nd Generation Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor and Intel® Xeon® Bronze Processor CPU TDP up to 205W 2 x LGA 3647 sockets (Socket P) | Power Supply | 1+1 1200W 80 PLUS Platinum redundant power supply AC Input: 100-240V |
| Chipset | Intel® C621 Express Chipset | System Management | Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) |
| Memory | 6-Channel DDR4 memory, 24 x DIMM slots RDIMM LRDIMM modules supported Supports Intel® Optane™ DC Persistent Memory (DCPMM) 1.2V modules: 2933/2666/2400/2133 MHz | OS Compatibility | Windows Server 2016 / 2019 RHEL 7.6 / 8.0 (x64) or later SLES 12.3 / 15 (x64) or later Ubuntu 18.04.5 LTS / 20.04 LTS (x64) or later VMware ESXi 6.0 / 6.5 / 6.7 / 7.0 or later Citrix Hypervisor 7.1.0 CU2 / 7.5.0 / 8.0.0 |
| LAN | 2 x 1GbE LAN ports (1 x Intel® I350-AM2) 1 x 10/100/1000 management LAN | System Fans | 8 x 40x40x56mm (23'000rpm) |
| Video | Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM | 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) |
| Storage | 4 x 3.5" or 2.5" SATA hot-swappable HDD/SSD bays NOTE: SATA devices supported only 1 x 2.5" internal fixed SATA HDD/SSD bay 2 x 2.5" internal fixed SATA HDD/SSD bays as an option | Packaging Content | 1 x R181-340 2 x CPU heatsinks 1 x Rail kit |
| SATA | 2 x 7-pin SATA III 6Gb/s with SATA DOM supported | Reference Numbers | Barebone package: 6NR181340MR-00 - Motherboard: 9MR91FS0NR-00 - Rail kit: 25HB2-3A0202-K0R - CPU heatsink: 25ST1-253100-F2R - Back plane board: 9CBP1042NR-00 - Front panel board: 9CFP1010NR-00 - Power supply: 25EP0-212008-D0S - SATA and power cable for ODD and SSD combo kit: 25CFD-700720-J4R, 25CRI-100B02-L5R (optional) - Internal 2 x 2.5" SSD/HDD kits: 6N0ASP004SR-ZB-100 (optional) - RJ45 type COM cable: 25CRO-200400-Y4R (optional) |
| RAID | Intel® SATA RAID 0/1/10/5 | | |
| Expansion Slots | 1 x PCIe x16 slot (Gen4 x16), Low profile 2 x PCIe x8 slots (Gen4 x8), Low profile 2 x OCP 2.0 mezzanine slots (Gen3 x16) | | |
| Front I/O | 2 x USB 3.0 | | |
| Rear I/O | 2 x USB 3.0, 1 x VGA, 1 x COM (RJ45 type), 2 x RJ45, 1 x MLAN | | |



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