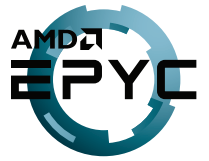


## R151-Z30

Rack Server - 1U UP 4-Bay



### Features

- Single AMD EPYC™ 7003 Series processors
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- 2 x SFP+ 10Gb/s LAN ports (Broadcom® BCM 57810S)
- 1 x Dedicated management port
- 4 x 3.5"/2.5" SATAIII hot-swappable HDD/SSD bays
- Ultra-Fast M.2 with PCIe Gen3 x4 interface
- 1 x PCIe Gen3 x16 expansion slots
- Aspeed® AST2500 remote management controller
- 1+1 650W 80 PLUS Platinum redundant power supply

### Specification

<b>Dimensions</b>	1U (W438 x H43.5 x D625 mm)	<b>Backplane I/O</b>	4 x SATA/SAS ports Bandwidth: SATAIII 6Gb/s or SAS 12Gb/s per port
<b>Motherboard</b>	MZ31-AR0 Rev. 3.0	<b>TPM</b>	1 x TPM header with LPC interface Optional TPM2.0 kit: CTM000
<b>CPU</b>	AMD EPYC™ 7003 Series processors Single processor, 7nm, Socket SP3 Up to 64-core, 128 threads per processor TDP up to 225W, cTDP up to 280W, Fully support 280W Compatible with AMD EPYC™ 7002 Series processors	<b>Power Supply</b>	2 x 650W 80 PLUS Platinum redundant power supply AC Input: 100-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	8-Channel DDR4 memory, 16 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/2933 MHz	<b>OS Compatibility</b>	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
<b>LAN</b>	2 x SFP+ 10Gb/s LAN ports (Broadcom® BCM 57810S) 1 x 10/100/1000 management LAN	<b>System Fans</b>	5 x 40x40x56mm (23000rpm)
<b>Video</b>	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	<b>Operating Properties</b>	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)
<b>Storage</b>	4 x 3.5"/2.5" SATA hot-swappable HDD/SSD bays SAS card is required for SAS devices support	<b>Packaging Content</b>	1 x R151-Z30 system, 1 x CPU heatsink, 1 x Rail kit
<b>Peripheral Drives</b>	1 x Slim type ODD as an option NOTE: For 12.7mm ODD only	<b>Reference Numbers</b>	Server unit: 6NR151Z30MR-00 Rev. B00 Motherboard: 9MZ31AR0NR-00 Rev. 3.0 Rail Kit: 25HB2-3A6101-KOR CPU heatsink: 25ST1-44320G-A0R Power supply: 25EP0-206504-F3S Power Supply PDB: 25EP1-206500-F3S Fan duct for 280W CPU: 25HA8-R15100-S5R( optional)
<b>Expansion Slots</b>	1 x PCIe x16 (Gen3 x16) slot, Full height half-length 1 x M.2 slot (Gen3 x4)		
<b>Front I/O</b>	2 x USB 3.0		
<b>Rear I/O</b>	2 x USB 3.0, 2 x USB 2.0, 1 x VGA, 1 x COM, 2 x SFP+, 1 x MLAN		



Learn more about GIGABYTE server solutions, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

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