

GIGABYTE R282-Z97 Socket SP3 Rack (2U)

Brand : GIGABYTE

Product code: 6NR282Z97MR-00

Product name : R282-Z97



- AMD EPYC™ 7003 Series processors
 - AMD EPYC™ 7003 Series processors with AMD 3D V-Cache™ Technology
 - Dual processor, 7nm technology
 - 8-Channel RDIMM/LRDIMM DDR4 per processor, 32 x DIMMs
 - Hardware-level root of trust (optional)
 - Dual ROM Architecture
- 2U, EPYC, 32 x DIMM, SP3

GIGABYTE R282-Z97 Socket SP3 Rack (2U):

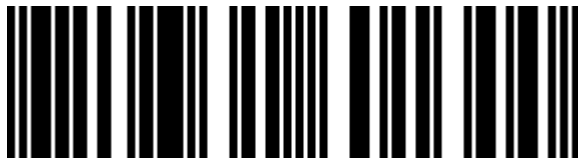
Nothing Stacks Up To EPYC™

AMD EPYC™ 7003 Processors with AMD 3D V-Cache™

AMD EPYC 7003 Series Processors with AMD 3D V-Cache™ technology are raising the bar once more for breakthrough performance on targeted technical computing workloads like Electronic Design Automation, Computational Fluid Dynamics, and Finite Element Analysis software and solutions. Delivering breakthrough performance per core and performance per watt, the Zen 3 architecture maintains leadership in number of cores – up to 64, amount of L3 cache – 768MB, and 128 PCIe 4.0 lanes, while maintaining socket compatibility with existing 3rd Gen AMD EPYC platforms.

Processor		Features	
Built-in processor *	✗	Trusted Platform Module (TPM) version	2.0
Processor socket *	Socket SP3	Backplanes support	✓
Processor manufacturer	AMD	Compatible operating systems	Windows Server 2016 (X2APIC/256T not supported) Windows Server 2019 Red Hat Enterprise Linux 8.3 (x64) or later SUSE Linux Enterprise Server 12 SP5 (x64) or later SUSE Linux Enterprise Server 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 or later VMware ESXi 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
Processor family	AMD		
Number of processors supported *	2		
Memory			
Number of DIMM slots *	32		
Supported memory types *	DDR4-SDRAM		
Maximum RDIMM memory	256 GB		
Supported RDIMM clock speeds	2933,3200 MHz		
Storage			
Number of storage drives supported *	12	Logistics data	
Hot-swap HDD bays *	✓	Harmonized System (HS) code	84714100
Number of 3.5" bays	12	Design	
Storage drive sizes supported	2.5"	Chassis type *	Rack (2U)
Supported storage drive types	HDD & SSD	LED indicators	HDD, LAN, Status
Supported storage drive interfaces	Serial ATA, Serial Attached SCSI (SAS)	Power	
Graphics		Power supply *	2000 W
On-board graphics card model	Aspeed AST2500	Number of main power supplies	2
Network		Redundant power supply (RPS) support	✓
Ethernet LAN	✓	AC input voltage	110 - 240 V
Ethernet LAN data rates	10,100,1000 Mbit/s	DC output current (+5 V)	81 A
LAN controller	Intel® I350-AM2	DC output current (+12 V)	163 A
Ports & interfaces		Operational conditions	
Ethernet LAN (RJ-45) ports *	2	Operating temperature (T-T)	10 - 35 °C
VGA (D-Sub) ports quantity	1	Storage temperature (T-T)	-40 - 60 °C
COM ports quantity	1	Operating relative humidity (H-H)	8 - 80%
Expansion slots		Storage relative humidity (H-H)	20 - 95%
		Weight & dimensions	
PCI Express slots version	4.0	Width	438 mm
PCI slots	7		

Expansion slots		Weight & dimensions	
PCI Express x24 Riser Super slots	1	Depth	87 mm
Number of M.2 (M) slots	1	Height	730 mm
Features		Packaging data	
Trusted Platform Module (TPM)	✓	Packaging content	1 x R282-Z96 system 2 x CPU heatsinks 1 x Rail kit
		Package width	982 mm
		Package depth	588 mm
		Package height	268 mm



4719331601300

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.