

Intel R2224GZ4GC4 server Rack (2U) Intel® Xeon® DDR3-SDRAM 750 W



Brand : Intel

Product code: R2224GZ4GC4

Product name : R2224GZ4GC4

Server System R2224GZ4GC4

Intel R2224GZ4GC4. Processor family: Intel® Xeon®. Internal memory type: DDR3-SDRAM. HDD size: 2.5". Ethernet LAN, Cabling technology: 10/100/1000Base-T(X). Power supply: 750 W, Redundant power supply (RPS) support. Chassis type: Rack (2U)

Processor		Processor special features	
Processor manufacturer *	Intel	Connector for Intel I/O Expansion Module x8 Gen 3	1
Processor family *	Intel® Xeon®	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Motherboard chipset	Intel® C602	Intel® Anti-Theft Technology (Intel® AT)	✗
Compatible processor series	Intel® Xeon® E5 Family	Intel® My WiFi Technology (Intel® MWT)	✗
Processor socket	LGA 2011 (Socket R)	Intel® Turbo Boost Technology	✗
Supported processor sockets	LGA 2011 (Socket R)	Intel® Quick Sync Video Technology	✗
Bus type	FSB	Intel® InTru™ 3D Technology	✗
Memory types supported by processor	DDR3-SDRAM	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
ECC supported by processor	✗	Intel® Insider™	✗
Idle States	✓	Intel Flex Memory Access	✗
Thermal Monitoring Technologies	✗	Intel® AES New Instructions (Intel® AES-NI)	✗
Processor code	SL8SV	Intel Trusted Execution Technology	✗
Physical Address Extension (PAE)	32 bit	Intel VT-x with Extended Page Tables (EPT)	✗
Conflict-Free processor	✗	Intel Clear Video Technology	✗
Intelligent Platform Management Interface (IPMI) support	IPMI 2.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel Remote Management Module Support	✓	Intel Dual Display Capable Technology	✗
Memory		Intel FDI Technology	✗
Internal memory type *	DDR3-SDRAM	Intel Fast Memory Access	✗
Memory slots	24	Power	
ECC	✓	Power supply type	AC
Maximum internal memory *	768 GB	Number of power supply units	2
Storage		Redundant power supply (RPS) support *	✓
HDD size	2.5"	Power supply *	750 W
Number of HDDs supported	24	Number of main power supplies	2
RAID support *	✓	Logistics data	
RAID levels	0, 1, 5, 10	Harmonized System (HS) code	8473305100
Hot-swap	✓	Weight & dimensions	
Optical drive type *	✗	Width	430 mm
Graphics		Depth	710 mm
On-board graphics card	✓	Height	87.4 mm
Network		Packaging content	
Ethernet LAN	✓	Heat sink included	✓
Cabling technology	10/100/1000Base-T(X)		
Ports & interfaces			
Ethernet LAN (RJ-45) ports *	4		
USB 2.0 ports quantity	4		
Serial ports quantity	2		
InfiniBand	✗		
Total number of SATA connectors	10		

Expansion slots		Packaging content	
PCI Express x8 (Gen 3.x) slots	1		(1) Intel Server Board S2600GZ4, (24) 2.5" Hot-swap drive carriers, (3) Backplanes, (2) 750W Redundant power supplies, (2) Passive CPU heat sinks, Redundant and hot-swap cooling fans, (1) Air duct, (1) Control panel on rack handle, Support for 2 x 2.5" SSD mounting on Air duct, (2) Risers with 3 PCIe x8 slots on each (2 x FHFL, 1 x FHHL), (1) Intel Remote Management Module 4, (1) Value rail kit, (6) SFF8087 to SFF8087 cables
PCI Express x16 slots	2		
PCI Express x16 (Gen 3.x) slots	2		
Design		Packaging content	
Chassis type *	Rack (2U)		
Redundant fans support	✓		
Rack rails	✓		
Product family	2U Rack Server Chassis		
Product series	Intel R2000GZ		
Product codename	Grizzly Pass		
Supported board	Intel S2600GZ		
Performance		Features	
Trusted Platform Module (TPM)	✓	Intel Node Manager	✓
Trusted Platform Module (TPM) version	1.2	Technical details	
Export Control Classification Number (ECCN)	5A992C	Backplanes support	Included
Commodity Classification Automated Tracking System (CCATS)	G145323	2.5" HDD support	Supports up to 24 hot-swap 2.5" drives
Intel Advanced Management Technology	✓	Born on date	Q2'12
Intel Build Assurance Technology	✓	Chassis dimensions	430 x 709.9 x 87.4 mm (16.9 x 27.9 x 3.44")
Intel Efficient Power Technology	✓	Internal I/O Expansion Module x8 Gen 3	1
Intel Quiet Thermal Technology	✓	FireWire support	✓
Intel Rapid Storage Technology enterprise	✓	Launch date	Q2'12
Intel Server Customization Technology	✓	Number of 2.5" bays	24
		Product name	Intel Server System R2224GZ4GC4
		Product type	System
		Redundant fans	✓
		Status	Discontinued
		USB ports quantity	4
		Maximum memory	768 GB
		Optical drive supported	✗
		Supported RAID configuration	Software RAID 1, 0,10 optional 5
		Additional information URL	http://www.intel.com/content/www/us/en/server-systems/server-board-s2600gz-gl-systems.html
		Expected discontinuance date	Q2'17
		Extended warranty available for purchase (select countries)	✓
		Number of storage drives supported	24
		Target market	Cloud/Datacenter
		Backplanes	Included
Software		Other features	
Operating system installed *	✗	Heat sink	2
Processor special features		Form factor	Custom 16.5" x 16.5"
Intel On-Demand Power Redundancy Technology	✓	Number of DIMM slots	24
Intel Server Management Software	✓	Number of SATA connectors	10
Intel Intelligent Power Node Manager	✓	Number of processors supported	2
CPU configuration (max)	2	Rack-Friendly board	✓
Intel® Matrix Storage Technology (Intel® MST)	✗	Embedded USB (eUSB) SSD option	✓
Intel Rapid Storage Technology	✗	Supported memory types	DDR3-SDRAM
Intel® Wireless Display (Intel® WiDi)	✗	Integrated BMC with IPMI	✓
		Intel® Virtualization Technology (Intel® VT)	✓
		Integrated LAN	4x 1GbE
		Market segment	Server
		ARK ID	67309



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