

# Intel® Server System R2312WFTZS LGA 3647 (Socket P) Rack (2U)

**Brand :** Intel

**Product code:** R2312WFTZS

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Server System R2312WFTZS Single

Intel® Server System R2312WFTZS. Processor socket: LGA 3647 (Socket P), Motherboard form factor: Custom 16.7" x 17". Market segment: Server. Chassis type: Rack (2U), Heat sink: (2) FXXCA78X108HS. Power supply: 1300 W, Power supply type: AC. Packaging content: (1) Intel Server Board S2600WFT (Dual 10GbE LAN) (2) PCIe Riser card brackets; Includes (2) 3-slot...

Processor		Design	
Motherboard form factor	Custom 16.7" x 17"	Chassis type *	Rack (2U)
Processor socket *	LGA 3647 (Socket P)	Rack rails	✗
Memory		Rack-Friendly board	✓
Number of DIMM slots *	24	Heat sink included	✓
Storage		Heat sink	(2) FXXCA78X108HS
Number of storage drives supported *	12	Power	
Number of 3.5" bays	12	Power supply type	AC
Ports & interfaces		Power supply *	1300 W
USB ports quantity	5	Number of power supply units	1
Ethernet LAN (RJ-45) ports *	2	Packaging data	
Serial ports quantity	2	(1) Intel Server Board S2600WFT (Dual 10GbE LAN) (2) PCIe Riser card brackets; Includes (2) 3-slot PCIe* riser cards 2UL8RISER2 (12) 3.5" Hot-swap drive bays with drive carriers and drive blanks; Includes (1) SAS/NVMe Combo backplane F2U8X25S3PHS; Includes (12) 3.5" hot swap drive tool less carriers FXX35HSCAR2 (1) Storage Rack Handle Assembly A2UHANDLKIT (1) 175mm Backplane I2C Cable (1) 800mm Mini SAS HD Cable AXXCBL800HDHD (1) 875mm Mini SAS HD Cable AXXCBL875HDHD (1) 950mm Mini SAS HD Cable AXXCBL950HDHD (1) 525/675mm Backplane power cable (1) Standard 2U Air duct (6) Hot swap system fans FR2UFAN60HSW (16) DIMM slot blanks (1) 1300W AC Power Supply Module AXX1300TCRPS (1) Power supply bay blank insert (2) AC Power Cord retention strap assembly (2) CPU heat sinks FXXCA78X108HS (2) CPU heat sink "NO CPU" label insert (2) Standard CPU Carrier (2) Chassis handle (1 set) installed (1) 3x RMFBU Mounting Bracket (1) 250mm Fixed Mount SSD Power Cable	
Number of SATA connectors	12		
Expansion slots			
PCI Express x24 Riser Super slots	2		
Features			
Trusted Platform Module (TPM) version	2.0		
Intel Node Manager	✓		
Backplanes	Included		
Market segment	Server		
ARK ID	89008		
Logistics data		Packaging content	
Harmonized System (HS) code	8473301180		
Processor special features			
Intel Advanced Management Technology	✓		
Intel Rapid Storage Technology enterprise	✓		
Intel Build Assurance Technology	✓		
Intel Quiet Thermal Technology	✓		
Intel Remote Management Module Support	✓		
Intel Quiet System Technology (QST)	✓		
Intel Efficient Power Technology	✓		
Intel On-Demand Power Redundancy Technology	✓		
Intel Fast Memory Access	✓		
Other features			
CPU configuration (max)	2		
3.5" HDD support	Hot-swap 3.5" HDD or 2.5" SSD		
Additional information URL	<a href="http://cqreview.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600wf.html?cache=no">http://cqreview.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600wf.html?cache=no</a>		
Chassis dimensions	430 x 709.9 x 87.4 mm (16.9 x 27.9 x 3.44")		
Expected discontinuance date	Q3'19		
Extended warranty available for purchase (select countries)	✓		
Included riser slot 1 configuration(s)	3x PCIe Gen3 x8		
Last change	63903513		
Launch date	Q3'17		
Number of storage drives supported (internal)	4		
Optical drive supported	✓		
Redundant fans	✓		

## Processor special features

Intel Intelligent Power Node Manager	✓
Intel Flex Memory Access	✓
Intel Server Customization Technology	✓
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Server Management Software	✓
Intel® Optane™ Memory Ready	✓
Connector for Intel I/O Expansion Module x8 Gen 3	1
Internal I/O Expansion Module x8 Gen 3	1

## Other features

Riser slot 1 number of lanes	24
Riser slot 2 number of lanes	24
Statement of conformance & platform certificate included	✓
Status	Launched
Supported RAID configuration	SW RAID 0, 1, 10, optional 5
Supported board	Intel Server Board S2600WFT
Supported storage drives form factor (internal)	M.2 and 2.5" Drive
Target market	Full-featured
Riser slot 3 number of lanes	12
Riser Slot 2 configuration	3x PCIe Gen3 x8
Riser slot 3 configuration	1x PCIe Gen3 x8 + 1x PCIe Gen2 x4
Product type	System
Product family	ZU server system



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