

Intel HNS2600JF motherboard Intel® C602 LGA 2011 (Socket R)

Brand : Intel

Product code: HNS2600JF

Product name : HNS2600JF

Compute Module HNS2600JF

Intel HNS2600JF. Processor manufacturer: Intel, Processor socket: LGA 2011 (Socket R), Compatible processor series: Intel® Xeon® E5 Family. Supported memory types: DDR3-SDRAM, Maximum internal memory: 256 GB, Memory channels: Octa-channel. Supported storage drive interfaces: SATA, SATA II. Discrete graphics support: Supported. Ethernet interface type: Gigabit Ethernet



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Active Management Technology (Intel® AMT)	✗
Processor socket *	LGA 2011 (Socket R)	Intel® AES New Instructions (Intel® AES-NI)	✓
Compatible processor series *	Intel® Xeon® E5 Family	Intel AC'97 technology	✗
Intel Xeon series	E5-2600	Trusted Platform Module (TPM) version	1.2
Number of QPI links	2	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor thermal power (max)	135 W	Intel Active Management Technology version	✗
Maximum number of PCI Express lanes	56	Intel Clear Video Technology	✗
Maximum internal memory supported by processor	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory bandwidth supported by processor (max)	119.4 GB/s	Intel Rapid Storage Technology enterprise	✓
ECC supported by processor	✓	Intelligent Platform Management Interface (IPMI) support	✓
Product family	Intel compute module	Intel® Remote Wake Technology (Intel® RWT)	✗
Product series	Intel HNS2600JF	Intel Advanced Management Technology	✓
Product codename	Jefferson Pass	Intel Server Management Software	✓
Memory		Intel Remote Management Module Support	✓
Supported memory types *	DDR3-SDRAM	Intel Server Customization Technology	✓
Memory channels	Octa-channel	Intel Build Assurance Technology	✓
ECC	✓	Intel Quiet Thermal Technology	✗
Supported memory clock speeds	1333,1600 MHz	Intel Efficient Power Technology	✓
Maximum internal memory *	256 GB	Connector for Intel I/O Expansion Module x8 Gen 3	1
Maximum RDIMM memory	256 GB	Intel Intelligent Power Node Manager	✓
Memory bandwidth (max)	819.2 GB/s	Integrated BMC with IPMI	✓
Storage controllers		Integrated systems available	✓
Supported storage drive interfaces *	SATA, SATA II	Logistics data	
RAID levels	5	Harmonized System (HS) code	8473301180
Graphics			
On-board graphics card	✓		
Discrete graphics support	Supported		
Internal I/O			
Number of SATA connectors	6		
Total number of SATA connectors	6		
Integrated SAS ports	4		

Rear panel I/O ports		Weight & dimensions	
USB 2.0 ports quantity *	5	Width	177.5 mm
Ethernet LAN (RJ-45) ports *	2	Depth	591.8 mm
VGA (D-Sub) ports quantity *	1	Height	42.7 mm
Serial ports quantity	1	Other features	
Number of SAS ports	4	Supported UDIMM clock speeds	1333 MHz
Network		Maximum UDIMM memory	256 GB
Ethernet LAN	✓	Supported RDIMM clock speeds	1333,1600 MHz
Ethernet interface type	Gigabit Ethernet	Number of DIMM slots	8
Wi-Fi *	✗	Number of processors supported	2
Features		Supplemental SKU	✗
Motherboard chipset *	Intel® C602	Embedded options available	✗
Component for *	Server	CPU configuration (max)	2
Physical Address Extension (PAE)	✓	Discrete graphics card model	Supported
Physical Address Extension (PAE)	46 bit	Graphics output	D-sub
Rack-Friendly board	✓	Intel® vPro™ Platform Eligibility	✗
Embedded USB (eUSB) SSD option	✗	PCI Express CEM revision	3.0
Market segment	Server	Images Type Map	✗
Expansion slots		Intel Node Manager	✓
PCI Express x8 slots	1	Integrated compute module including (1) Intel Server Board S2600JF, (1) Bridge Board, (1) Node Power Board, (1) PCIe x16 Riser Card, (2) 1U Passive 91.5mm x 91.5mm Heat Sink, (3) 4056 Dual Rotor Fan, (1) Air Duct, and (1) 1U Node Tray.	
PCI Express x16 slots	1	Packaging content	
PCI Express x16 (Gen 3.x) slots	2	Chassis type	Rack (2)
PCI Express slots version	3.0	Thermal Design Power (TDP)	135 W
Processor special features		Commodity Classification	
Intel® Anti-Theft Technology (Intel® AT)	✗	Automated Tracking System (CCATS)	G145323
Intel® Clear Video HD Technology (Intel® CVT HD)	✗	Export Control Classification Number (ECCN)	5A992C
Intel Dual Display Capable Technology	✗	Motherboard ARK ID	65461
Intel Fast Memory Access	✓	Technical details	
Trusted Platform Module (TPM)	✓	Born on date	Q1'12
Intel Trusted Execution Technology	✓	FireWire support	✓
Intel Remote PC Assist Technology (RPAT)	✗	Launch date	Q1'12
Intel Rapid Storage Technology	✗	Product name	Intel Compute Module HNS2600JF
Intel Quiet System Technology (QST)	✓	Product type	Server/Workstation Board
Intel Quick Resume Technology	✗	Status	Discontinued
Intel® Matrix Storage Technology (Intel® MST)	✗	USB ports quantity	5
Intel I/O Acceleration Technology	✓	USB version	2.0
Intel Flex Memory Access	✓	Maximum memory	256 GB
Intel Client Initiated Remote Access (CIRA) technology	✗	Supported RAID configuration	Up to SW Raid 5 (LSI + RSTe)
		Last change	63903513
		Expected discontinuance date	Q4'15
		Form factor	Custom 23.3" x 6.99" x 1.68"
		Sustainability certificates	ENERGY STAR
		Last order date	Friday, April 15, 2016
		End of life date announcement	Thursday, October 15, 2015
		Additional information URL	http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s2600jf.html
		Last receipt attributes date	Friday, July 15, 2016



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