



HP 600 + ZR2740w Intel® Xeon® 5000 Sequence E5620 8 GB DDR3-SDRAM Windows 7 Professional Tower Workstation

Brand : HP

Product code: KK692ET + XW476AT

Product name : 600 + ZR2740w



Intel Xeon Quad-Core E5620 (2.4GHz, 12MB L3), 8GB DDR3, 1TB SATA 7200 rpm, 16X SATA SuperMulti LightScribe DVD±RW, Windows 7 Professional 64 + ZR2740w 68,6 cm (27") LED Backlit IPS Monitor (XW476AT)

HP 600 + ZR2740w. Processor frequency: 2.4 GHz, Processor family: Intel® Xeon® 5000 Sequence, Processor: E5620. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Optical drive: DVD Super Multi. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 650 W. Form factor: Tower. Product type: Workstation. Weight: 14.4 kg

Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Xeon® 5000 Sequence	Operating system installed *	Windows 7 Professional
Processor *	E5620	Processor special features	
Processor number of cores	4	Intel Wireless Display (WiDi) Technology	✗
Processor threads	8	Intel 64	✓
Processor boost frequency	2.66 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2.4 GHz	Embedded options available	✓
Processor socket	Socket B (LGA 1366)	Intel® InTru™ 3D Technology	✗
Processor cache	12 MB	Intel® Insider™	✗
Processor cache type	Smart Cache	Intel Clear Video HD Technology	✗
System bus data transfer rate	5.86 GT/s	Intel Clear Video Technology	✗
Bus type	QPI	Intel VT-x with Extended Page Tables (EPT)	✓
FSB Parity	✗	Idle States	✓
Processor lithography	32 nm	Thermal Monitoring Technologies	✗
Processor operating modes	64-bit	Intel AES New Instructions	✓
Processor series	Intel Xeon 5600 Series	Intel Trusted Execution Technology	✓
Processor codename	Westmere EP	Execute Disable Bit	✓
Thermal Design Power (TDP)	80 W	Intel FDI Technology	✗
Tcase	77.6 °C	Intel Flex Memory Access	✗
Number of processors installed	2	Intel Fast Memory Access	✗
Number of QPI links	2	Intel Enhanced Halt State	✓
Stepping	B1	Intel Demand Based Switching	✓
CPU multiplier (bus/core ratio)	18	Intel Clear Video Technology for MID	✗
Maximum internal memory supported by processor	288 GB	Processor package size	42.5 X 45 mm
Memory types supported by processor	DDR3 800/1066	Supported instruction sets	SSE4.2
Memory clock speeds supported by processor	800,1066 MHz	Processor code	SLBV4
Memory bandwidth supported by processor (max)	25.6 GB/s	Physical Address Extension (PAE)	40 bit
ECC supported by processor	✓	CPU configuration (max)	2
Memory		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory *	8 GB	Intel Virtualization Technology (VT-x)	✓
Memory, maximum *	24 GB	Intel Dual Display Capable Technology	✗
Internal memory type	DDR3-SDRAM	Intel Rapid Storage Technology	✗
Memory slots	6x DIMM		
Memory clock speed	1333 MHz		
ECC	✓		
Memory channels	Triple-channel		

Storage		Processor special features	
Optical drive *	DVD Super Multi	Processor ARK ID	47925
Total HDDs capacity	1 TB	Intel Turbo Boost Technology	1.0
Number of HDDs installed	1	Intel Hyper-Threading Technology	✓
Hard drive capacity	1 TB	Intel® Quick Sync Video Technology	✗
Hard drive interface	SATA	Intel My WiFi Technology	✗
Hard drive rotational speed	7200 RPM	Intel Anti-Theft Technology	✗
Card reader integrated	✗	Conflict-Free processor	✗
Ports & interfaces		Power	
USB 2.0 ports quantity *	9	Power supply *	650 W
PS/2 ports quantity	2	Weight & dimensions	
Firewire (IEEE 1394) ports	1	Width *	165.3 mm
Ethernet LAN (RJ-45) ports	1	Depth *	440 mm
Microphone in	✓	Height *	445.1 mm
Headphone outputs	1	Weight *	14.4 kg
Design		Display	
Form factor *	Tower	Display included *	✓
Country of origin	China	Display diagonal	68.6 cm (27")
Performance		Other features	
Chipset	Intel® 5520	LightScribe	✓
Audio system	High Definition Audio	Network interface	Gigabit Ethernet (10/100/1000)
Product type *	Workstation	Graphics card	✗
		Resolution	2560 x 1440 pixels

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Publication date: 10-JUL-2025. Prints or copies of Information are only valid on the printed Publication date