HP xw4600 Workstation Intel® Core™2 Quad Q9300 1 GB DDR2-SDRAM 160 GB AMD Mobility FireGL V5600 Windows Vista Business PC

Brand : HP

Article code: KA246LA

Product name : xw4600 Workstation

HP xw4600 Workstation
HP xw4600 Workstation. Processor frequency: 2,5 GHz, Processor family: Intel® Core™2 Quad, Processor model: Q9300. Internal memory: 1 GB, Internal memory type: DDR2-SDRAM, Memory clock speed: 800 MHz. Total storage capacity: 160 GB, Card reader integrated, Optical drive type: DVD Super Multi DL. Discrete graphics card model: AMD Mobility FireGL V5600. Operating system installed: Windows Vista Business. Product type: PC. Weight: 15 kg

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™2 Quad
Processor model *	Q9300
Processor cores	4
Processor threads	4
Processor frequency *	2,5 GHz
Processor socket	LGA 775 (Socket T)
Processor cache	6 MB
Processor cache type	L2
Processor front side bus	1333 MHz
Bus type	FSB
FSB Parity	✔
Processor lithography	45 nm
Processor operating modes	64-bit
Processor series	Intel Core 2 Quad Q9000 Series for Desktop
Processor codename	Yorkfield
Thermal Design Power (TDP)	95 W
Tcase	71,4 °C
Number of Processing Die Transistors	456 M
Processing Die size	164 mm²
Stepping	M1
CPU multiplier (bus/core ratio)	7,5
ECC supported by processor	✘

Memory	
Internal memory *	1 GB
Maximum internal memory *	8 GB
Internal memory type	DDR2-SDRAM
Memory slots	4x DIMM
Memory clock speed	800 MHz

Storage	
Total storage capacity *	160 GB
Optical drive type *	DVD Super Multi DL
HDD interface	SATA
HDD speed	7200 RPM
Card reader integrated	✔

Processor special features	
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Intel Clear Video Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✘
Idle States	✔
Thermal Monitoring Technologies	✔
Intel® AES New Instructions (Intel® AES-NI)	✘
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel FDI Technology	✘
Intel Flex Memory Access	✘
Intel Fast Memory Access	✘
Intel Enhanced Halt State	✔
Intel Demand Based Switching	✘
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Processor package size	37.5 x 37.5 mm
Processor code	SLAWE
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	33922
Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✘
Intel® My WiFi Technology (Intel® MWT)	✘

Graphics	
On-board graphics card *	✗
Discrete graphics card model *	AMD Mobility FireGL V5600
Discrete graphics card memory	0,512 GB

Ports & interfaces	
USB 2.0 ports quantity *	9
PS/2 ports quantity	2
Firewire (IEEE 1394) ports	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Serial ports quantity	1
Parallel ports quantity	1

Expansion slots	
PCI Express x1 slots	1
PCI Express x16 slots	3
PCI slots	3

Design	
Cable lock slot	✔
Cable lock slot type	Kensington
Country of origin	China

Performance	
Audio system	HD
Product type *	PC

Software	
Operating system installed *	Windows Vista Business

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✗
Intel 64	✔

Processor special features	
Intel® Anti-Theft Technology (Intel® AT)	✗
Conflict-Free processor	✗

Power	
Power availability	475 W

Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Operating relative humidity (H-H)	8 - 85%
Non-operating altitude	9100 - 9100 m

Weight & dimensions	
Width *	168 mm
Depth *	456 mm
Height *	450 mm
Weight *	15 kg

Packaging content	
Mouse included	✔

Display	
Display included *	✗

Other features	
Non-operating relative humidity (non-condensing)	8 - 90%
External drive bays	3x 5.25", 1x 3.5"
Networking features	NetXtreme Gigabit PCIe
Audio input	1

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