



HP Z210 E3-1240 Minitower Intel® Xeon® E3 Family 4 GB DDR3-SDRAM 1000 GB HDD Windows 7 Professional Workstation

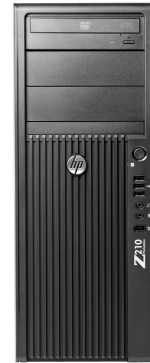
Brand : HP

Product code: KK766EA

Product name : Z210

HP Z210 Convertible Minitower Workstation

HP Z210. Processor frequency: 3.3 GHz, Processor family: Intel® Xeon® E3 Family, Processor model: E3-1240. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 1000 GB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 400 W. Chassis type: Minitower. Product type: Workstation. Weight: 10.7 kg



Processor		Processor special features	
Processor manufacturer *	Intel	Intel 64	✓
Processor model *	E3-1240	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Xeon® E3 Family	Embedded options available	✗
Processor cores	4	Intel® InTru™ 3D Technology	✗
Processor frequency *	3.3 GHz	Intel® Insider™	✗
Processor boost frequency	3.7 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor socket	LGA 1155 (Socket H2)	Intel Clear Video Technology	✗
Processor cache	8 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Idle States	✓
Processor threads	8	Thermal Monitoring Technologies	✓
System bus rate	5 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Bus type	DMI	Intel Trusted Execution Technology	✓
FSB Parity	✗	Execute Disable Bit	✓
Processor lithography	32 nm	Intel FDI Technology	✗
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor series	Intel Xeon E3-1200	Intel Fast Memory Access	✓
Processor codename	Sandy Bridge	Intel® Smart Cache	✓
Thermal Design Power (TDP)	80 W	Intel Enhanced Halt State	✓
Tcase	69.1 °C	Intel Demand Based Switching	✓
PCI Express slots version	2.0	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum number of PCI Express lanes	20		
Number of processors installed	1		
Stepping	D2		

Processor		Processor special features	
CPU multiplier (bus/core ratio)	33	Processor package size	37.5 x 37.5 mm
Maximum internal memory supported by processor	32 GB	Supported instruction sets	AVX, SSE4.1, SSE4.2
Memory types supported by processor	DDR3-SDRAM	Processor code	SR00K
Memory clock speeds supported by processor	1066,1333 MHz	CPU configuration (max)	1
Memory bandwidth supported by processor (max)	21 GB/s	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC supported by processor	✓	Intel Identity Protection Technology version	1.00
Memory		Intel Virtualization Technology (VT-x)	✓
Internal memory *	4 GB	Intel Dual Display Capable Technology	✗
Internal memory type	DDR3-SDRAM	Intel Rapid Storage Technology	✗
Memory slots	4x DIMM	Processor ARK ID	52273
Memory clock speed	1333 MHz	Intel® Turbo Boost Technology	2.0
ECC	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Memory channels	Dual-channel	Intel® Quick Sync Video Technology	✗
Storage		Intel® My WiFi Technology (Intel® MWT)	✗
Total storage capacity *	1000 GB	Intel® Identity Protection Technology (Intel® IPT)	✓
Storage media *	HDD	Intel® Anti-Theft Technology (Intel® AT)	✗
Optical drive type *	DVD Super Multi	Conflict-Free processor	✗
Total HDDs capacity	1000 GB	Power	
Ports & interfaces		Power supply *	400 W
USB 2.0 ports quantity *	14	Weight & dimensions	
PS/2 ports quantity	2	Width *	178 mm
Ethernet LAN (RJ-45) ports	1	Depth *	455 mm
Microphone in	✓	Height *	447 mm
Headphone outputs	1	Weight *	10.7 kg
Design		Packaging content	
Chassis type *	Minitower	Display included *	✗
Number of 3.5" bays	3	Features	
Number of 5.25" bays	3	Images Type Map	✗
Country of origin	China	Other features	
Performance		LightScribe	✓
Motherboard chipset	Intel® C206	Graphics card	✗
Product type *	Workstation	Processor special features	
Software		Intel® Wireless Display (Intel® WiDi)	✗
Operating system installed *	Windows 7 Professional		
Operating system architecture	64-bit		



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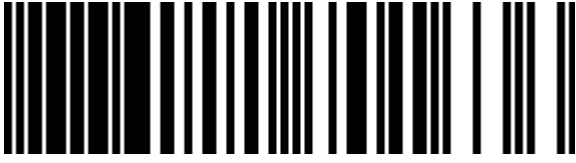
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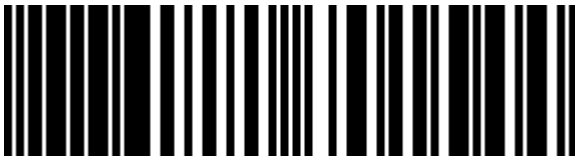
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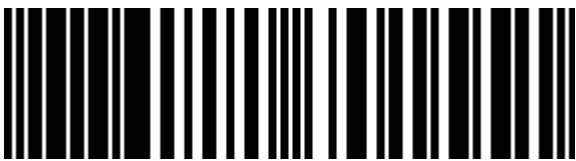
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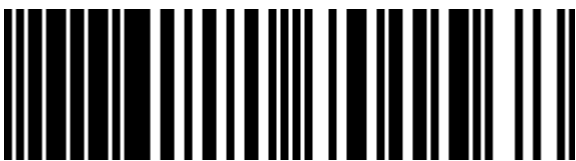
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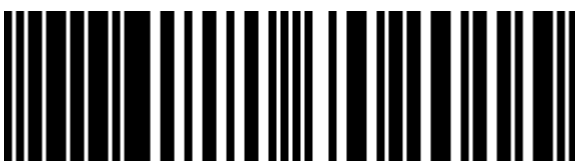
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