



HP Z210 SFF + ZR22w Intel® Core™ i3 i3-2120 4 GB DDR3-SDRAM Windows 7 Professional Workstation

Brand : HP

Product code: KK777ET + VM626AT

Product name : Z210 SFF + ZR22w



Intel Core i3-2120 (3.3GHz, 3MB L3), 4GB DDR3, 500GB 7200 rpm SATA, SuperMulti DVD±RW, Windows 7 Professional 64 + ZR22w 54.6 cm (21.5") S-IPS LCD Monitor (VM626AT)

HP Z210 SFF + ZR22w. Processor frequency: 3.3 GHz, Processor family: Intel® Core™ i3, Processor: i3-2120. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Optical drive: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 2000. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 240 W. Form factor: SFF. Product type: Workstation. Weight: 7.6 kg



Processor		Performance	
Processor manufacturer *	Intel	Chipset	Intel® C206
Processor family *	Intel® Core™ i3	Audio system	High Definition Audio
Processor generation	2nd gen Intel® Core™ i3	Product type *	Workstation
Processor *	i3-2120	Software	
Processor number of cores	2	Operating system installed *	Windows 7 Professional
Processor threads	4	Operating system architecture	64-bit
Processor frequency *	3.3 GHz	Processor special features	
Processor socket	LGA 1155 (Socket H2)	Intel Wireless Display (WiDi) Technology	✗
Processor cache	3 MB	Intel 64	✓
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
System bus data transfer rate	5 GT/s	Embedded options available	✓
Bus type	DMI	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Processor lithography	32 nm	Intel Clear Video HD Technology	✓
Processor operating modes	64-bit	Intel Clear Video Technology	✗
Processor series	Intel Core i3-2100 Desktop Series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Sandy Bridge	Idle States	✓
Thermal Design Power (TDP)	65 W	Thermal Monitoring Technologies	✓
Tcase	69.1 °C	Intel AES New Instructions	✗
PCI Express slots version	2.0	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Execute Disable Bit	✓
Number of processors installed	1	Intel FDI Technology	✓
CPU multiplier (bus/core ratio)	33	Intel Flex Memory Access	✓
Maximum internal memory supported by processor	32 GB	Intel Fast Memory Access	✓
Memory types supported by processor	DDR3 1066/1333		
Memory bandwidth supported by processor (max)	21 GB/s		

Processor		Processor special features	
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	4 GB	Intel Clear Video Technology for MID	✗
Memory, maximum *	16 GB	Processor package size	37.5 x 37.5 mm
Internal memory type	DDR3-SDRAM	Supported instruction sets	AVX
Memory slots	4x DIMM	CPU configuration (max)	1
Memory clock speed	1333 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✗
ECC	✓	Intel Identity Protection Technology version	1.00
Memory channels	Dual-channel	Intel Virtualization Technology (VT-x)	✓
Storage		Intel Dual Display Capable Technology	✓
Optical drive *	DVD Super Multi	Intel Rapid Storage Technology	✗
Total HDDs capacity	500 GB	Processor ARK ID	53426
Number of HDDs installed	1	Intel Turbo Boost Technology	✗
Hard drive capacity	500 GB	Intel Hyper-Threading Technology	✓
Hard drive interface	SATA	Intel® Quick Sync Video Technology	✓
Hard drive rotational speed	7200 RPM	Intel My WiFi Technology	✗
Card reader integrated	✗	Intel Identity Protection Technology	✓
Graphics		Intel Anti-Theft Technology	✗
On-board graphics card *	✓	Conflict-Free processor	✗
On-board graphics card family	Intel® HD Graphics	Power	
On-board graphics card model *	Intel® HD Graphics 2000	Power supply *	240 W
On-board graphics card base frequency	850 MHz	Weight & dimensions	
On-board graphics card dynamic frequency (max)	1100 MHz	Width *	338 mm
Number of displays supported (on-board graphics)	2	Depth *	381 mm
On-board graphics card ID	0x102	Height *	100 mm
Ports & interfaces		Weight *	7.6 kg
USB 2.0 ports quantity *	14	Display	
PS/2 ports quantity	2	Display included *	✓
Ethernet LAN (RJ-45) ports	1	Display diagonal	54.6 cm (21.5")
Microphone in	✓	Other features	
Headphone outputs	1	Network interface	Gigabit Ethernet (10/100/1000)
Serial ports quantity	1	Graphics card family	Intel
Design		Graphics card	HD Graphics 2000
Form factor *	SFF	Resolution	1920 x 1080 pixels
Country of origin	China		

Catalog Object Cloud



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