



HP Z210 SFF + ZR2240w Intel® Core™ i3 i3-2120 4 GB DDR3-SDRAM Windows 7 Professional Workstation

Merk : HP

Artikelcode: KK777ET#ABF*KIT

Productnaam : Z210 SFF + ZR2240w

HP Z210 SFF + ZR2240w. Frequentie van processor: 3,3 GHz, Processorfamilie: Intel® Core™ i3, Processormodel: i3-2120. Intern geheugen: 4 GB, Intern geheugentype: DDR3-SDRAM, Kloksnelheid geheugen: 1333 MHz. Soort optische drive: DVD Super Multi. On-board graphics adapter model: Intel® HD Graphics 2000. Inclusief besturingssysteem: Windows 7 Professional, Architectuur besturingssysteem: 64-bit. Netvoeding: 240 W. Type behuizing: SFF. Type product: Workstation. Gewicht: 7,6 kg



Processor		Prestatie	
Processorfabrikant *	Intel	Audiosysteem	High Definition Audio
Processorfamilie *	Intel® Core™ i3	Type product *	Workstation
Processorgeneratie	Tweede generatie Intel® Core™ i3	Software	
Processormodel *	i3-2120	Architectuur besturingssysteem	64-bit
Aantal processorkernen	2	Inclusief besturingssysteem *	Windows 7 Professional
Processor aantal threads	4	Processor speciale functies	
Frequentie van processor *	3,3 GHz	Intel® Wireless Display (Intel® WiDi)	✗
Processor socket	LGA 1155 (Socket H2)	Intel® 64	✓
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Ingebouwde opties beschikbaar	✓
Systeembus	5 GT/s	Intel® InTru™ 3D Technology	✓
Bus type	DMI	Intel® Insider™	✓
FSB Parity	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor lithografie	32 nm	Intel® Clear Video-technologie	✗
Processor operating modes	64-bit	Intel® VT-x with Extended Page Tables (EPT)	✓
Processorserie	Intel Core i3-2100 Desktop Series	Idle States	✓
Codenaam processor	Sandy Bridge	Thermal Monitoring Technologies	✓
Thermal Design Power (TDP)	65 W	Intel® AES New Instructions (Intel® AES-NI)	✗
Tcase	69,1 °C	Intel® Trusted Execution Technology	✗
PCI Express slots versie	2.0	Execute Disable Bit	✓
Maximaal aantal PCI Express-lijnen	16	Intel® FDI Technology	✓
Aantal geïnstalleerde processoren	1	Intel® Flex Memory Access	✓
CPU multiplier (bus/core ratio)	33		
Maximaal intern geheugen ondersteund door processor	32 GB		
Geheugentypen ondersteund door processor	DDR3 1066/1333		
Geheugenbandbreedte ondersteund door de processor (max)	21 GB/s		
ECC ondersteund door processor	✗		

Geheugen		Processor speciale functies	
Intern geheugen *	4 GB	Intel® Fast Memory Access	✓
Maximum intern geheugen *	16 GB	Intel® Enhanced Halt State	✓
Intern geheugentype	DDR3-SDRAM	Intel® Demand Based Switching	✗
Geheugenslots	4x DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel® CVT for MID)	✗
Kloksnelheid geheugen	1333 MHz	Verpakkingsgrootte processor	37.5 x 37.5 mm
ECC	✓	Ondersteunde instructie sets	AVX
Geheugen kanaal	Dubbelkanaals	CPU configuratie (max)	1
Opslagmedia		Intel® Virtualization Technology for Directed I/O (VT-d)	✗
Soort optische drive *	DVD Super Multi	Versie Intel® Identity Protection Technology	1,00
Totale capaciteit HDD's	500 GB	Intel® Virtualization Technology (VT-x)	✓
Het aantal geïnstalleerde HDD's	1	Intel® Dual Display Capable Technology	✓
HDD capaciteit	500 GB	Intel® Rapid Storage Technology	✗
HDD interface	SATA	ARK ID processor	53426
HDD rotatiesnelheid	7200 RPM	Intel® Turbo Boost Technology	✗
Geïntegreerde geheugenkaartlezer	✗	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Grafisch		Intel® Quick Sync Video Technology	✓
Ingebouwde grafische adapter *	✓	Intel® My WiFi Technology (Intel® MWT)	✗
Familie ingebouwde grafische adapter	Intel® HD Graphics	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics adapter model *	Intel® HD Graphics 2000	Intel® Anti-Theft Technology (Intel® AT)	✗
Basisfrequentie ingebouwde grafische adapter	850 MHz	Conflictvrije processor	✗
Graphics on-board -adapter dynamische frequentie (max)	1100 MHz	Energie	
Aantal displays ondersteund (door on-board grafische adapter)	2	Netvoeding *	240 W
On-board grafische adapter ID	0x102	Gewicht en omvang	
Poorten & interfaces		Breedte *	338 mm
Aantal USB 2.0-poorten *	14	Diepte *	381 mm
PS/2 poort(en)	2	Hoogte *	100 mm
Aantal Ethernet LAN (RJ-45)-poorten	1	Gewicht *	7,6 kg
Microfoon, line-in ingang	✓	Beeldscherm	
Hoofdtelefoonuitgangen	1	Inclusief monitor *	✓
Seriële poort(en)	1	Beeldschermdiagonaal	54,6 cm (21.5")
Design		Overige specificaties	
Type behuizing *	SFF	Netwerkfuncties	Gigabit Ethernet (10/100/1000)
Land van herkomst	China	Grafische adapter-familie	Intel
Prestatie		Grafische adapter	HD Graphics 2000
Chipset moederbord	Intel® C206	Resolutie	1920 x 1080 Pixels

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