



DELL OptiPlex 9020 Intel® Core™ i7 i7-4770 8 GB DDR3-SDRAM 1 TB HDD AMD Radeon HD 8570 Windows 7 Professional Mini Tower PC Zwart



Merk : DELL

Productfamilie: OptiPlex

Artikelcode: CAO9020W7P032-MT

Productnaam : 9020

DELL OptiPlex 9020. Frequentie van processor: 3,4 GHz, Processorfamilie: Intel® Core™ i7, Processormodel: i7-4770. Intern geheugen: 8 GB, Intern geheugentype: DDR3-SDRAM, Kloksnelheid geheugen: 1600 MHz. Totale opslagcapaciteit: 1 TB, Opslagmedia: HDD, Soort optische drive: DVD±RW. On-board graphics adapter model: Intel® HD Graphics 4600, Discreet grafische adapter model: AMD Radeon HD 8570. Inclusief besturingssysteem: Windows 7 Professional, Architectuur besturingssysteem: 64-bit. Netvoeding: 290 W. Producttype: PC

Processor		Design	
Processorfabrikant *	Intel	Type behuizing *	Mini Tower
Processorfamilie *	Intel® Core™ i7	Waterkoelingsysteem	✗
Processorgeneratie	Vierde generatie Intel® Core™ i7	Aantal 3.5" bays	2
Processormodel *	i7-4770	Aantal 5.25" bays	2
Aantal processorkernen	4	Kleur van het product *	Zwart
Processor aantal threads	8	Prestatie	
Maximale turbofrequentie van processor	3,9 GHz	Chipset moederbord	Intel® Q87
Frequentie van processor *	3,4 GHz	Producttype *	PC
Processor socket	LGA 1150 (Socket H3)	Software	
Processor cache	8 MB	Architectuur besturingssysteem	64-bit
Type processorgeheugen	Smart Cache	Herstel besturingssysteem	Windows 8.1 Pro
Systeembus	5 GT/s	Inclusief besturingssysteem *	Windows 7 Professional
Bus type	DMI2	Processor speciale functies	
FSB Parity	✗	Intel Small Business Advantage (SBA)	✗
Processor lithografie	22 nm	Intel Wireless Display Technology	✓
Processor operating modes	64-bit	Intel® 64	✓
Processorserie	Intel Core i7-4700 Desktop series	Enhanced Intel SpeedStep Technology	✓
Codenaam processor	Haswell	Ingebouwde opties beschikbaar	✗
Thermal Design Power (TDP)	84 W	Intel® InTru™ 3D Technology	✓
Tcase	72,72 °C	Intel® Insider™	✓
PCI Express slots versie	3.0	Intel Clear Video HD Technology	✓
Maximaal aantal PCI Express-lijnen	16	Intel® Clear Video-technologie	✗
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Intel VT-x with Extended Page Tables (EPT)	✓
Aantal geïnstalleerde processoren	1	Intel TSX-NI	✗
aantal QPI links	1	Idle States	✓
Stepping	C0	Thermal Monitoring Technologies	✓
Maximaal intern geheugen ondersteund door processor	32 GB	Intel Stable Image Platform Program (SIPP)	✓
Geheugentypen ondersteund door processor	DDR3-SDRAM	Intel AES New Instructions	✓
Klokgeheugen-snelheden ondersteund door processor	1333,1600 MHz	Intel Secure Key	✓
Geheugenbandbreedte ondersteund door de processor (max)	25,6 GB/s	OS Guard	✓
ECC ondersteund door processor	✗	Intel Trusted Execution Technology	✓
Voltage geheugen ondersteund door processor	1,5 V		

Geheugen		Processor speciale functies	
Intern geheugen *	8 GB	Execute Disable Bit	✓
Maximum intern geheugen *	32 GB	Intel FDI Technology	✓
Intern geheugentype	DDR3-SDRAM	Intel Flex Memory Access	✗
Geheugenslots	4x DIMM	Intel Fast Memory Access	✗
Kloksnelheid geheugen	1600 MHz	Intel® Smart Cache	✓
Non-ECC	✓	Intel Enhanced Halt State	✓
Geheugen kanaal	Dubbelkanaals	Intel Demand Based Switching	✗
Opslagmedia		Intel Clear Video Technology for MID	✗
Totale opslagcapaciteit *	1 TB	Verpakkingsgrootte processor	37.5 x 37.5 mm
Opslagmedia *	HDD	Ondersteunde instructie sets	AVX 2.0, SSE4.1, SSE4.2
Soort optische drive *	DVD±RW	Processorcode	SR149
Aantal storage drives geïnstalleerd	1	Schaalbaarheid	1S
Het aantal geïnstalleerde harde schijven	1	CPU configuratie (max)	1
Opslagcapaciteit harde schijf	1 TB	Graphics & IMC lithografie	22 nm
Harde schijf-interface	SATA	Thermal solution specificatie	PCG 2013D
Rotatiesnelheid harde schijf	7200 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Harde schijf, omvang	3.5"	Versie Intel® Identity Protection Technology	1,00
Grafisch		Versie Intel® Stable Image Platform Program (SIPP)	1,00
Ingebouwde grafische adapter *	✓	Versie Intel® Secure Key Technology	1,00
Discreet grafische adapter model *	AMD Radeon HD 8570	Intel® Virtualization Technology (VT-x)	✓
Discreet grafische adaptergeheugen	1 GB	Intel Small Business Advantage (SBA)-versie	1,00
Specifiek grafisch geheugentype	GDDR3	Versie Intel® TSX-NI	0,00
Aantal discrete graphics adapters	1	Intel Dual Display Capable Technology	✗
Familie ingebouwde grafische adapter	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics adapter model *	Intel® HD Graphics 4600	ARK ID processor	75122
Basisfrequentie ingebouwde grafische adapter	350 MHz	Intel® Smart Response Technology	✗
Graphics on-board -adapter dynamische frequentie (max)	1200 MHz	Intel® Rapid Start Technology	✗
Maximaal geheugen ingebouwde grafische adapter	2 GB	Intel® Turbo Boost Technology	2.0
Aantal displays ondersteund (door on-board grafische adapter)	3	Intel Smart Connect Technology	✗
On-board grafische adapter DirectX-versie	11.2/12	Intel Hyper-Threading Technology	✓
On-board grafische adapter OpenGL versie	4.3	Intel® Quick Sync Video Technology	✓
On-board grafische adapter ID	0x412	Intel My WiFi Technology	✓
Netwerk		Intel Identity Protection Technology	✓
Ethernet LAN *	✓	Intel Anti-Theft Technology	✓
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	Conflictvrije processor	✓
Bekabelingstechnologie	10/100/1000Base-T(X)	Energie	
Wi-Fi *	✗	Netvoeding *	290 W
Poorten & interfaces		Duurzaamheid	
Aantal USB 2.0-poorten *	6	Duurzaamheidscertificaten	EPEAT Gold, ENERGY STAR
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	4	Gewicht en omvang	
VGA (D-Sub)poort(en)	1	Breedte *	175 mm
DVI-poort	✗	Diepte *	417 mm
Aantal DisplayPorts	2	Hoogte *	360 mm
PS/2 poort(en)	2	Gewicht *	9,4 kg
Aantal Ethernet LAN (RJ-45)-poorten	1	Inhoud van de verpakking	
Microfoon, line-in ingang	✓	Inclusief muis	✓
Hoofdtelefoonuitgangen	1	Toetsenbord inbegrepen	✓
Uitbreidingsmodules		Beeldscherm	
PCI Express x1 slots	1	Inclusief monitor *	✗
PCI Express x16 slots	2		

Uitbreidingsmodules		Overige specificaties	
PCI-slots	1	Optische drives hoeveelheid	1
		Intel® segment tagging	Enterprise, Small Business

Catalog Object Cloud



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