



DELL OptiPlex 3020 Intel® Core™ i5 i5-4590 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Mini Tower PC Crno, Srebrno

Brand : DELL

Product family: OptiPlex

Product code:
3020-8804+858-BBBN

Product name : 3020

DELL OptiPlex 3020. Takt procesora: 3,3 GHz, Porodica procesora: Intel® Core™ i5, Procesor: i5-4590. Interna memorija: 4 GB, Vrsta interne memorije: DDR3-SDRAM. Ukupni prostor za podatke: 500 GB, Medijum za skladištenje: HDD, Vrsta optičkog uređaja: DVD±RW. Model instalirane grafičke kartice: Intel® HD Graphics 4600. Instalirani operativni sistem: Windows 7 Professional, Arhitektura operativnog sistema: 64-bit. Napajanje: 290 W. Tip kućišta: Mini Tower. Tip proizvoda: PC. Boja proizvoda: Crno, Srebrno



Procesor		Softver	
Proizvođač procesora *	Intel	Instalirani operativni sistem *	Windows 7 Professional
Porodica procesora *	Intel® Core™ i5	Specijalne karakteristike procesora	
Generacija procesora	4th gen Intel® Core™ i5	Intel Wireless Display (WiDi) Technology	✓
Procesor *	i5-4590	Intel 64	✓
Jezgra procesora	4	Enhanced Intel SpeedStep tehnologija	✓
Niti procesora	4	Dostupne ugrađene opcije	✗
Takt ubrzanja procesora	3,7 GHz	Intel® InTru™ 3D Technology	✓
Takt procesora *	3,3 GHz	Intel® Insider™	✓
Podnožje procesora	LGA 1150 (Socket H3)	Intel Clear Video HD Technology	✓
Keš procesora	6 MB	Intel Clear Video tehnologija	✗
Tip keš memorije procesora	L3	Intel VT-x with Extended Page Tables (EPT)	✓
Brzina protoka systemske magistrale	5 GT/s	Intel TSX-NI	✗
Tip magistrale	DMI2	Idle States	✓
FSB Parity	✗	Tehnologije praćenja termalnih parametara	✓
Litografija procesora	22 nm	Intel Stable Image Platform Program (SIPP)	✓
Režimi rada procesora	64-bit	Intel AES New Instructions	✓
Serijski naziv procesora	Intel Core i5-4500 Desktop Series	Intel® Secure Key tehnologija	✓
Šifrovani naziv procesora	Haswell	Intel® OS Guard tehnologija	✓
Thermal Design Power (TDP)	84 W	Intel Trusted Execution Technology	✓
Tcase temperatura	72,72 °C	Execute Disable Bit	✓
Verzija PCI Express slotova	3.0	Intel FDI Technology	✓
Maksimalni broj PCI Express traka	16	Intel Flex Memory Access	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Broj procesora	1		
Stepping	C0		
Maksimalna interna memorija koju podržava procesor	32 GB		
Tipovi memorije koje podržava procesor	DDR3-SDRAM		

Procesor		Specijalne karakteristike procesora	
Radni taktovi memorije koje podržava procesor	1333,1600 MHz	Intel Fast Memory Access	✗
Propusni opseg memorije koji podržava procesor (maks.)	25,6 GB/s	Intel® Smart Cache	✓
ECC koji podržava procesor	✗	Intel Enhanced Halt State	✓
Memorija		Intel Demand Based Switching	✗
		Intel Clear Video Technology for MID	✗
		Veličina pakovanja procesora	37.5 x 37.5 mm
		Podržani instrukcijski setovi	AVX 2.0, SSE4.1, SSE4.2
		Šifra procesora	SR1QJ
		Skalabilnost	15
		Konfiguracija procesora (maks.)	1
		Graphics & IMC lithography	22 nm
Medij za čuvanje podataka		Specifikacija termalnog rešenja	PCG 2013D
		Intel tehnologija virtualizacije za usmereni ulaz/izlaz (VT-d)	✓
		Verzija Intel Identity Protection tehnologije	1,00
		Verzija Intel Stable Image Platform Program (SIPP)	1,00
		Verzija Intel Secure Key tehnologije	1,00
		Tehnologija Intel Virtualization (VT-x)	✓
		Verzija Intel Small Business Advantage (SBA)	1,00
		Verzija Intel TSX-NI	0,00
Grafike		Intel Dual Display Capable Technology	✗
		Intel Rapid Storage Technology	✗
		ARK ID procesora	80815
		Intel® Turbo Boost Technology	2.0
		Intel Hyper-Threading Technology	✗
		Intel® Quick Sync Video Technology	✓
		Intel My WiFi Technology	✓
		Intel Identity Protection Technology	✓
Mreža		Intel Anti-Theft Technology	✓
		Procesor ne sadrži materijale iz ratnih zona	✓
		Menadžment potrošnje	
		Napajanje *	290 W
		Ulazni napon napajanja	100 - 240 V
		Ulazna frekvencija napajanja	50 - 60 Hz
		Radni uslovi	
		Raspon radne temperature (T-T)	0 - 35 °C
Portovi i interfejsi		Dozvoljeni raspon temperatura za skladištenje	-40 - 65 °C
		Radni opseg vlažnosti	20 - 80%
		Dozvoljena relativna vlažnost vazduha (min-maks.)	20 - 95%
		Dozvoljena nadmorska visina	-15,2 - 3048 m
		Dozvoljena nadmorska visina - Isključeno	-15,2 - 10668 m
		Sertifikati	
		Sertifikati o usaglašenosti	RoHS
		Održivost	
		Sertifikati o održivosti	ENERGY STAR
		Težina i dimenzije	
		Širina *	175 mm
		Dubina *	417 mm
		Visina *	360 mm
		Težina *	9,4 kg

Portovi i interfejsi		Sadržaj pakovanja	
Audio ulaz	✓	Kablovi uključeni	AC
Konektori za proširenja		Uputstvo	✓
PCI Express x1 slotovi	3	AC adapter se isporučuje uz proizvod	✓
PCI Express x16 slotovi	1	Displej	
Dizajni		Uključuje monitor *	✓
Tip kućišta *	Mini Tower	Dijagonala monitora	49,5 cm (19.5")
Moguća postavljanja	Vertikalni	Tip ekrana	LED
Sistem vodenog hlađenja	✗	Rezolucije ekrana	1600 x 900 piksela
Broj ležišta od 3,5"	2	Tip ekrana	IPS
Broj ležišta veličine 5,25"	2	Izvorni odnos širina/visina	16:9
Rupe za zaključavanje kablom	✓	Odnos kontrasta (tipski)	1000:1
Boja proizvoda *	Crno, Srebrno	Broj boja koje se mogu prikazati na monitoru	16,78 miliona boja
Performanse		Osvetljenost ekrana	250 cd/m²
Skup čipova matične ploče	Intel® H81	Ugao gledanja, horizontalno	178°
Kompatibilni procesori	Intel® Celeron®, Intel® Pentium®	Ugao gledanja, vertikalno	178°
Audio čip	Realtek ALC3220	Ostale karakteristike	
Zvučni sistem	HD	Broj optičkih uređaja	1
Zaštita lozinkom	✓	Intel oznaka segmenta	Poslovni, Mala preduzeća
Tip zaštite lozinkom	BIOS		
Tip proizvoda *	PC		
Softver			
Arhitektura operativnog sistema	64-bit		
Operativni sistem za oporavak	Windows 8.1		

Catalog Object Cloud



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