



DELL PowerEdge T20 server 1 TB Mini Tower Intel® Xeon® E3 V3 Family E3-1225V3 3,2 GHz 4 GB DDR3-SDRAM 290 W

Brand : DELL

Product family: PowerEdge

Product code: T20-3729

Product name : T20

DELL PowerEdge T20. Porodica procesora: Intel® Xeon® E3 V3 Family, Takt procesora: 3,2 GHz, Procesor: E3-1225V3. Interna memorija: 4 GB, Vrsta interne memorije: DDR3-SDRAM, Raspored memorije: 1 x 4 GB. Ukupni prostor za podatke: 1 TB, Veličina čvrstog diska: 3.5", Interfejs hard diska: SATA. Ethernet LAN, Tehnologija kabliranja: 10/100/1000Base-T(X). Napajanje: 290 W. Tip kućišta: Mini Tower



Procesor		Portovi i interfejsi	
Proizvođač procesora *	Intel	Broj PS/2 portova	2
Porodica procesora *	Intel® Xeon® E3 V3 Family	Broj VGA portova	1
Procesor *	E3-1225V3	Broj serijskih portova	1
Takt procesora *	3,2 GHz	RS-232 port	1
Takt ubrzanja procesora	3,6 GHz	Konektori za proširenja	
Jezgra procesora	4	PCI Express x1 (gen. 2.x) slotovi	1
Keš procesora	8 MB	PCI Express x16 (Gen 3.x) proreza	1
Skup čipova matične ploče	Intel® C226	PCI slotovi	1
Memorijski kanali koje podržava procesor	Dvostruki	Verzija PCI Express slotova	3.0
Broj procesora	1	Dizajni	
Thermal Design Power (TDP)	84 W	Tip kućišta *	Mini Tower
Tip keš memorije procesora	Smart Cache	Performanse	
Podnožje procesora	LGA 1150 (Socket H3)	Upravljanje performansama	Intel AMT 9.0
Litografija procesora	22 nm	Podrška na licu mesta	✓
Niti procesora	4	Softver	
Režimi rada procesora	64-bit	Kompatibilni operativni sistemi *	Window Server 2012 R2 RedHat
Stepping	C0	Specijalne karakteristike procesora	
FSB Parity	✗	Konfiguracija procesora (maks.)	1
Tip magistrale	QPI	Intel Rapid Storage Technology	✗
Broj QPI veza	1	Enhanced Intel SpeedStep tehnologija	✓
Šifrovani naziv procesora	Haswell	Intel Identity Protection Technology	✓
Maksimalna interna memorija koju podržava procesor	32 GB	Intel Wireless Display (WiDi) Technology	✗
Tipovi memorije koje podržava procesor	DDR3-SDRAM	Intel tehnologija virtualizacije za usmereni ulaz/izlaz (VT-d)	✓
Radni taktovi memorije koje podržava procesor	1333,1600 MHz	Intel Anti-Theft Technology	✓
Propusni opseg memorije koji podržava procesor (maks.)	25,6 GB/s	Intel Hyper-Threading Technology	✗
ECC koji podržava procesor	✓	Intel My WiFi Technology	✗
Execute Disable Bit	✓	Intel® Turbo Boost Technology	2.0
Idle States	✓	Intel® Quick Sync Video Technology	✓
Tehnologije praćenja termalnih parametara	✓	Intel® InTru™ 3D Technology	✓
Maksimalni broj PCI Express traka	16	Intel Clear Video HD Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Insider™	✗
Veličina pakovanja procesora	37.5 x 37.5 mm		
Podržani instrukcijski setovi	AVX 2.0, SSE4.1, SSE4.2		

Procesor		Specijalne karakteristike procesora	
Šifra procesora	SR14U	Intel Flex Memory Access	✓
Skalabilnost	1S	Intel® Smart Cache	✓
Dostupne ugrađene opcije	✓	Intel AES New Instructions	✓
Specifikacija termalnog rešenja	PCG 2013D	Intel Trusted Execution Technology	✓
Graphics & IMC lithography	22 nm	Intel Enhanced Halt State	✓
Serijski procesor	Intel Xeon E3-1200 v3	Intel VT-x with Extended Page Tables (EPT)	✓
Procesor ne sadrži materijale iz ratnih zona	✗	Intel Demand Based Switching	✗
Intelligent Platform Management Interface (IPMI) support	✓	Intel® Secure Key tehnologija	✓
Memorija		Intel TSX-NI	✓
Interna memorija *	4 GB	Intel Stable Image Platform Program (SIPP)	✓
Vrsta interne memorije *	DDR3-SDRAM	Intel® OS Guard tehnologija	✓
Memorijski slotovi	4	Intel Clear Video tehnologija	✗
Radni takt memorije	1600 MHz	Intel Clear Video Technology for MID	✗
Raspored memorije	1 x 4 GB	Intel 64	✓
Maksimalna veličina interne memorije *	32 GB	Verzija Intel Identity Protection tehnologije	1,00
Medij za čuvanje podataka		Verzija Intel Stable Image Platform Program (SIPP)	1,00
Maksimalni kapacitet memorije *	13 TB	Verzija Intel Secure Key tehnologije	1,00
Ukupni prostor za podatke *	1 TB	Tehnologija Intel Virtualization (VT-x)	✓
Broj instaliranih hard diskova	1	Verzija Intel TSX-NI	1,00
Kapacitet hard diska	1 TB	Intel Dual Display Capable Technology	✓
Interfejs hard diska	SATA	Intel FDI Technology	✓
Brzina obrtaja hard diska	7200 RPM	Intel Fast Memory Access	✓
Veličina čvrstog diska	3.5"	ARK ID procesora	75461
Broj podržanih hard diskova	4	Menadžment potrošnje	
Podržane veličine hard diskova	3.5"	Napajanje *	290 W
Vrsta optičkog uređaja *	✗	Broj glavnih napajanja	1
Grafike		Radni uslovi	
Integrirana grafička kartica	✓	Raspon radne temperature (T-T)	5 - 35 °C
Porodice ugrađenih grafičkih adaptera	Intel® HD Graphics	Dozvoljeni raspon temperatura za skladištenje	-40 - 65 °C
Model instalirane grafičke kartice	Intel® HD Graphics P4600	Radni opseg vlažnosti	20 - 80%
Osnovna frekvencija integrisane grafičke kartice	350 MHz	Dozvoljena nadmorska visina	-15,2 - 3048 m
Dinamička frekvencija (maks.) integrisane grafičke kartice	1200 MHz	Dozvoljena nadmorska visina - isključeno	-15,2 - 10668 m
Broj podržanih ekrana (grafika na matičnoj ploči)	3	Težina i dimenzije	
Mreža		Širina	175 mm
Wake-on-LAN spreman	✓	Dubina	435 mm
LAN kontroler	Intel® I217-LM	Visina	360 mm
Ethernet LAN	✓	Težina	8,49 kg
Tehnologija kabliranja	10/100/1000Base-T(X)	Ostale karakteristike	
Tip Ethernet interfejsa	Gigabitni ethernet	Grafička karta	HD Graphics P4600
Portovi i interfejsi		Reboot protection	✓
Broj Ethernet LAN (RJ-45) portova *	1	Porodice grafičkih adaptera	Intel
Broj USB 2.0 portova	6		
Broj portova USB 3.2 Gen 1 (3.1 Gen 1) tip A	4		

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