



HP Z640 Intel® Xeon E5 v3 E5-2620V3 16 GB DDR4-SDRAM 256 GB SSD Windows 7 Professional Tower Arbetsstation Svart

Märke : HP

Produktkod: J5E42UP

Product name : Z640

- Windows 7 Professional 64-bit / Windows 8.1 Pro 64

- Intel® Xeon® E5-2620 v3 (2.4 GHz)

- 16GB DDR4-SDRAM & 256GB SSD

Intel® Xeon® E5-2620 v3 (2.4 GHz), 16GB DDR4, 256GB SSD, DVD±RW, Gigabit LAN, Windows 7 Professional 64-bit / Windows 8.1 Pro 64

HP Z640. Processorfrekvens: 2,4 GHz, Processorfamilj: Intel® Xeon E5 v3, Processor: E5-2620V3.

Internminne: 16 GB, Typ av internminne: DDR4-SDRAM, Minne klockhastighet: 2133 MHz. Total

lagringskapacitet: 256 GB, Lagringsmedia: SSD, Optisk enhetstyp: DVD±RW. Installerat operativsystem:

Windows 7 Professional, Operativsystemets systemarkitektur: 64-bit. Strömförsörjning: 925 W.

Chassityp: Tower. Produkttyp: Arbetsstation. Produktens färg: Svart



Processor		Design	
Processortillverkare *	Intel	Produktens färg *	Svart
Processorfamilj *	Intel® Xeon E5 v3	Ursprungsland	Kina
Processor *	E5-2620V3	Prestanda	
Processorkärnor	6	Moderkortets chipset	Intel® C612
Processortrådar	12	Produkttyp *	Arbetsstation
Processorboostfrekvens	3,2 GHz	Programvara	
Processorfrekvens *	2,4 GHz	Operativsystemets systemarkitektur	64-bit
Processorsockel	LGA 2011-v3	Installerat operativsystem *	Windows 7 Professional
Processorns cache	15 MB	Valfritt operativsystem	Windows 8.1 Pro
Processorns cachetyp	Smart Cache	Processor specialfunktioner	
Systembuss, hastighet	8 GT/s	Intel® 64	✓
Busstyp	QPI	Förstärkt Intel Speedstep Technology	✓
Processorlitografi	22 nm	Inbäddade alternativ	✓
Processorns driftlägen	64-bit	Intel® VT-x med utökad Sida Tabeller (EPT)	✓
Processorserie	Intel Xeon E5-2600 v3	Intel® TSX-NI	✗
Processorns kodnamn	Haswell	Idle stater	✓
Värmeavledningseffekt (TDP)	85 W	Termiska övervakningsteknik	✓
TCASE	72,6 ° C	Intel® AES nya instruktioner (Intel® AES-NI)	✓
PCI Express-kortplatser version	3.0	Intel® Secure Key	✓
Högsta antal PCI Express-platser	40	Intel® OS Guard	✓
Antal processorer installerade	1		
Antal QPI länkar	2		
Stegning	R2		
Högsta internminne som stöds av processorn	768 GB		

Processor		Processor specialfunktioner	
Minnestyper som stöds av processorn	DDR4-SDRAM	Intel® Trusted Execution Technology	✓
Minnesklockfrekvens som stöds av processorn	1600,1866 MHz	Execute Disable Bit-säkerhet	✓
Minnesbandbredd som stöds av processorn (max)	59 GB/s	Intel® Flex minnesåtkomst	✗
Processor med ECC-stöd	✓	Intel® Smart Cache	✓
Minne		Intel® Förbättrad Halt State	✓
Internminne *	16 GB	Intel® Efterfrågan Baserad Växla	✓
Maximalt internminne *	128 GB	Processorns förpackningsstorlek	52.5 x 45 mm
Typ av internminne	DDR4-SDRAM	Stödda instruktionsset	AVX
Minneslayout	2 x 8 GB	Processorkod	SR207
Minnesplatser	4x DIMM	Skalbarhet	25
Minne klockhastighet	2133 MHz	Physical Address Extension (PAE)	✓
Minneskanaler	Fyra kanaler	Physical Address Extension (PAE)	46 bit
Lagringsmedia		CPU konfiguration (max)	2
Total lagringskapacitet *	256 GB	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Lagringsmedia *	SSD	Intel Identity Protection Technology-version	0,00
Optisk enhetstyp *	DVD±RW	Intel Secure Key Technology-version	1,00
Antal installerade lagringsenheter	1	Intel Virtualization Technology (VT-x)	✓
Total SSD-kapacitet	256 GB	Intel TSX-NI-version	0,00
Antalet installerade SSD	1	ARK-ID för processor	83352
Solid-state drive kapacitet	256 GB	Intel® Turbo Boost Technology	2.0
Grafiken		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Ombord grafikkort modell *	Ej tillgänglig	Intel® Identity Protection Technology (Intel® IPT)	✗
Nätverk		Etisk processor (Conflict Free)	✗
Nätverksansluten (Ethernet) *	✓	Strömtillförsel	
Datahastighet för Ethernet-LAN	10,100,1000 Mbit/s	Strömförsörjning *	925 W
Wi-Fi *	✗	Vikt & dimension	
Anslutningar		Bredd *	175 mm
Antal USB 2.0 anslutningar *	2	Djup *	464,8 mm
Antal USB 3.2 Gen 1 (3.1 Gen 1) typ A-portar *	8	Höjd *	444,5 mm
DVI-port	✗	Vikt *	15 kg
Antal PS/2-portar	2	Förpackningens innehåll	
Antal LAN (RJ-45) anslutningar	1	Mus inkluderad	✓
Uttag för mikrofon/linje in	✓	Tangentbord inkluderat	✓
Hörlursutgångar	1	Display	
Design		Display inkluderad *	✗
Chassityp *	Tower	Övrigt	
Placeringar som kan användas	Vågrät	Antal optiska enheter	1
Vattenkylningsystem	✗		
Produktvikt (oz)	✓		

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