



DELL XPS 8900 Intel® Core™ i7 i7-6700 16 GB DDR4-SDRAM 2 TB HDD NVIDIA® GeForce® GTX 745 Windows 10 Home Mini Tower PC Black

Brand : DELL

Product family: XPS

Article code: X8900-3131BLK

Product name : 8900

DELL XPS 8900. Processor frequency: 3,4 GHz, Processor family: Intel® Core™ i7, Processor model: i7-6700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2133 MHz. Total storage capacity: 2 TB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 530, Discrete graphics card model: NVIDIA® GeForce® GTX 745. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Chassis type: Mini Tower. Product type: PC



Processor		Design	
Processor manufacturer *	Intel	Number of 5.25" bays	2
Processor family *	Intel® Core™ i7	Cable lock slot	✓
Processor generation	6th gen Intel® Core™ i7	Product color *	Black
Processor model *	i7-6700	Performance	
Processor cores	4	Motherboard chipset	Intel® Z170
Processor threads	8	Audio system	Waves MaxxAudio Pro
Processor boost frequency	4 GHz	Audio output channels	7.1 channels
Processor frequency *	3,4 GHz	Password protection	✓
Processor socket	LGA 1151 (Socket H4)	Password protection type	BIOS, User
Processor cache	8 MB	Product type *	PC
Processor cache type	Smart Cache	Software	
System bus rate	8 GT/s	Operating system architecture	64-bit
Bus type	DMI3	Operating system installed *	Windows 10 Home
FSB Parity	✗	Drivers included	✓
Processor lithography	14 nm	Processor special features	
Processor operating modes	64-bit	Intel® Small Business Advantage (Intel® SBA)	✓
Processor series	Intel Core i7-6700 Desktop series	Intel® Wireless Display (Intel® WiDi)	✓
Processor codename	Skylake	Intel 64	✓
Thermal Design Power (TDP)	65 W	Enhanced Intel SpeedStep Technology	✓
Tcase	71 °C	Embedded options available	✓
PCI Express slots version	3.0		
Maximum number of PCI Express lanes	16		
PCI Express configurations	2x8, 1x8+2x4, 1x16		

Processor		Processor special features	
Number of processors installed	1	Intel® Built-in Visuals Technology	✓
Stepping	R0	Intel® InTru™ 3D Technology	✓
Maximum internal memory supported by processor	64 GB	Intel® Insider™	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Intel Clear Video Technology	✓
Memory bandwidth supported by processor (max)	34,1 GB/s	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel TSX-NI	✓
Memory voltage supported by processor	1,35 V	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	16 GB	Intel Stable Image Platform Program (SIPP)	✓
Maximum internal memory *	32 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR4-SDRAM	Intel® Secure Key	✓
Memory layout (slots x size)	2 x 8 GB	Intel® OS Guard	✓
Memory slots	4x DIMM	Intel Trusted Execution Technology	✓
Memory clock speed	2133 MHz	Execute Disable Bit	✓
Memory channels	Dual-channel	Intel HD Graphics	✓
Storage		Intel FDI Technology	✗
Total storage capacity *	2 TB	Intel Flex Memory Access	✗
Storage media *	HDD	Intel Fast Memory Access	✗
Optical drive type *	DVD Super Multi	Intel Enhanced Halt State	✓
Number of storage drives installed	1	Intel Demand Based Switching	✗
Number of HDDs installed	1	Intel Software Guard Extensions (Intel SGX)	✓
HDD capacity	2 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
HDD speed	7200 RPM	Processor package size	37.5 x 37.5 mm
HDD size	3.5"	Supported instruction sets	SSE4.1, AVX 2.0, SSE4.2
Card reader integrated	✓	Processor code	SR2BT
Compatible memory cards	CF, CF Type II, MMC, MMC Mobile, MMC+, MS Duo, MS PRO, MS PRO Duo, MS Pro-HG, MicroDrive, MiniSD, RS-MMC, SD, SDHC, SDXC, Smart Media xD, SmartMedia, xD	Scalability	1S
		CPU configuration (max)	1
		Graphics & IMC lithography	14 nm
		Thermal solution specification	PCG 2015C
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card model *	NVIDIA® GeForce® GTX 745	Intel Stable Image Platform Program (SIPP) version	1,00
Discrete graphics card memory	4 GB	Intel Secure Key Technology version	1,00
Discrete graphics memory type	GDDR3	Intel Virtualization Technology (VT-x)	✓
Number of discrete graphics cards	1	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	1,00
On-board graphics card model *	Intel® HD Graphics 530	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1150 MHz	Processor ARK ID	88196
Maximum on-board graphics card memory	1,74 GB	Intel® Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card DirectX version	12.0	Intel® Quick Sync Video Technology	✓
On-board graphics card OpenGL version	4.4	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card ID	1912	Intel® Identity Protection Technology (Intel® IPT)	✓
Graphics card Open GL support	✓		
NVIDIA G-SYNC	✓		
NVIDIA GameWorks VR	✗		
CUDA	✓		
CUDA cores	384		

Graphics		Processor special features	
Graphics card HDMI ports quantity	1	Intel® Anti-Theft Technology (Intel® AT)	✗
Graphics card DVI-D ports quantity	1	Conflict-Free processor	✓
Graphics card VGA (D-Sub) ports quantity	1		
Network		Power	
Ethernet LAN *	✓	Power supply input voltage	100 - 240 V
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply input frequency	50 - 60 Hz
Cabling technology	10/100/1000Base-T(X)		
Wi-Fi *	✓	Operational conditions	
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Operating temperature (T-T)	10 - 35 °C
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Storage temperature (T-T)	-40 - 65 °C
Bluetooth	✓	Operating relative humidity (H-H)	20 - 80%
Bluetooth version	4.0	Operating altitude	-15,2 - 3048 m
		Non-operating altitude	-15,2 - 10668 m
Ports & interfaces		Certificates	
USB 2.0 ports quantity *	4	Certification	CECP
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6		
DVI port	✗	Sustainability	
HDMI ports quantity *	1	Sustainability certificates	ENERGY STAR
DisplayPorts quantity	1		
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
Microphone in	✓	Width *	185 mm
Headphone outputs	1	Depth *	444 mm
Line-out	✓	Height *	406,8 mm
Line-in	✓	Weight *	13,8 kg
Expansion slots		Packaging content	
PCI Express x4 slots	1	Mouse included	✓
PCI Express x16 slots	2	Keyboard included	✓
		Cables included	AC
		Manual	✓
Design		Display	
Chassis type *	Mini Tower	Display included *	✗
Placement supported	Vertical		
Water cooling system	✗	Other features	
Number of 3.5" bays	3	Optical drives quantity	1
		Intel® Virtualization Technology (Intel® VT)	VT-x, VT-d

Catalog Object Cloud



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