DELL

DELL Precision 3630 Intel® Core™ i9 i9-9900 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Tower Estación de trabajo Negro

Marca : DELL

Familia de productos: Precision

Código del producto: 3630-2882

Nombre del producto : 3630

DELL Precision 3630. Frecuencia del procesador: 3.1 GHz, Familia de procesador: Intel® Core™ i9, Modelo del procesador: i9-9900. Memoria interna: 16 GB, Tipo de memoria interna: DDR4-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD, Tipo de unidad óptica: DVD-RW. Modelo de gráficos en tarjeta: Intel® UHD Graphics 630. Sistema operativo instalado: Windows 10 Pro, Arquitectura del sistema operativo: 64-bit. Fuente de alimentación: 460 W. Tipo de chasis: Tower. Tipo de producto: Estación de trabajo. Color del producto: Negro

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	9th gen Intel® Core™ i9
Processor model *	i9-9900
Processor cores	8
Processor threads	16
Processor boost frequency	5 GHz
Processor frequency *	3.1 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	16 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Processor lithography	14 nm
Processor operating modes	64-bit
Thermal Design Power (TDP)	65 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x8+2x4, 1x16, 2x8
Number of processors installed	1
Maximum internal memory supported by processor	128 GB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2666 MHz
Memory bandwidth supported by processor (max)	41.6 GB/s

Design

Volume	20.41 L
Placement supported	Vertical
Cable lock slot	✔
Product colour *	Black

Performance

Motherboard chipset	Intel C246
Audio chip	Realtek ALC3234
Audio system	High Definition Audio
Product type *	Workstation

Software

Operating system installed *	Windows 10 Pro
Operating system architecture	64-bit

Processor special features

Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✔
Idle States	✔
Thermal Monitoring Technologies	✔

Memory

Internal memory *	16 GB
Maximum internal memory *	128 GB
Internal memory type	DDR4-SDRAM
Memory slots	4x DIMM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	DVD-RW
Number of storage drives installed	1
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board graphics card model *	Intel® UHD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1200 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x3E98

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
DisplayPorts quantity	2
PS/2 ports quantity	2
Ethernet LAN (RJ-45) ports	1
Microphone in	✘
Headphone outputs	1
Line-out	✔
Combo headphone/mic port	✔
Serial ports quantity	1
On/off button	✔

Design

Chassis type *	Tower

Processor special features

Intel Stable Image Platform Program (SIPP)	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔
Intel Software Guard Extensions (Intel SGX)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	191789
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔

Power

Power supply *	460 W

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 80%
Storage relative humidity (H-H)	10 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Operating shock	40 G
Non-operating shock	105 G

Weight & dimensions

Width *	176.6 mm
Depth *	345 mm
Height *	335 mm
Weight *	8.39 kg

Packaging content

Manual	✔
Power cord included	✔

Display

Display included *	✘

Other features

Optical drives quantity	1