

DELL Precision 3630 Intel® Core™ i7 i7-8700 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® Quadro® P620 Ubuntu Linux Tower Estación de trabajo Negro

Marca : DELL Familia de productos: Código del producto:

Precision 3630-5574

Nombre del producto: 3630

DELL Precision 3630. Frecuencia del procesador: 3.2 GHz, Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-8700. 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, Modelo de adaptador de gráficos discretos: NVIDIA® Quadro® P620. Sistema operativo instalado: Ubuntu Linux. Fuente de alimentación: 460 W. Tipo de chasis: Tower. Tipo de producto: Estación de trabajo. Color del producto: Negro





Processor		Design	
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores	Intel® Core™ i7 on 8th gen Intel® Core™ i7 i7-8700 6	Chassis type * Volume Placement supported Cable lock slot Product colour *	Tower 20.41 L Vertical ✓ Black
Processor threads Processor boost frequency Processor frequency * Processor socket Processor cache Processor cache type	12 4.6 GHz 3.2 GHz LGA 1151 (Socket H4) 12 MB Smart Cache	Performance Motherboard chipset Audio chip Audio system Product type *	Intel C246 Realtek ALC3234 High Definition Audio Workstation
System bus rate Bus type Processor lithography	8 GT/s DMI3 14 nm	Software Operating system installed * Processor special features	Ubuntu Linux
Processor operating modes Processor series Processor codename Thermal Design Power (TDP)	64-bit Intel Core i7-8700 Desktop Series Coffee Lake 65 W	Intel 64 Enhanced Intel SpeedStep Technology	·
Tjunction PCI Express slots version Maximum number of PCI Express	100 °C 3.0	Embedded options available Intel® InTru™ 3D Technology Intel® Clear Video HD Technology (Intel® CVT HD)	<i>y y</i>
lanes PCI Express configurations Number of processors installed Maximum internal memory	1x16, 1x8+2x4, 2x8 1	Intel Corr Ho) Intel Clear Video Technology Intel VT-x with Extended Page Tables (EPT)	* * *
supported by processor Memory types supported by processor Memory clock speeds supported by processor	64 GB DDR4-SDRAM 2666 MHz	Intel TSX-NI Idle States Thermal Monitoring Technologies	* * *

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Processor		Processor special features	
Memory bandwidth supported by processor (max)	41.6 GB/s	Intel Stable Image Platform Program (SIPP)	✓
Memory	10.00	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	16 GB	Intel® Secure Key	✓
Maximum internal memory * Internal memory type	128 GB DDR4-SDRAM	Intel® OS Guard	✓
Memory slots	4x DIMM	Intel Trusted Execution Technology	✓
•	TA BININ	Execute Disable Bit	✓
Storage	512 CD	Intel Enhanced Halt State	✓
Total storage capacity * Storage media *	512 GB SSD	Intel Software Guard Extensions	✓
Optical drive type *	DVD-RW	(Intel SGX)	
Number of storage drives installed	1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT	1
Total SSDs capacity	512 GB	for MID)	
Number of SSDs installed	1	Processor package size	37.5 x 37.5 mm
SSD capacity	512 GB	Supported instruction sets Processor code	AVX 2.0, SSE4.1, SSE4.2
Graphics		Scalability	SR3QS 1S
Discrete graphics card *	✓	CPU configuration (max)	1
On-board graphics card *	✓	Thermal solution specification	PCG 2015C
Discrete graphics card model *	NVIDIA® Quadro® P620	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory Discrete graphics memory type	2 GB GDDR5	Intel Identity Protection Technology version	1.00
On-board GPU manufacturer On-board graphics card model *	Intel® UHD Graphics 630	Intel Stable Image Platform Program (SIPP) version	1.00
On-board graphics card base	·	Intel Secure Key Technology version	1.00
frequency	350 MHz	Intel Virtualization Technology (VT-	
On-board graphics card dynamic frequency (max)	1200 MHz	x)	✓
Maximum on-board graphics card		Intel TSX-NI version	1.00
memory	64 GB	Processor ARK ID	126686
Number of displays supported (on- board graphics)	3	Intel® Turbo Boost Technology Intel® Hyper Threading Technology	2.0
On-board graphics card DirectX version	12.0	(Intel® HT Technology)	,
On-board graphics card OpenGL	4.5	Intel® Quick Sync Video Technology Intel® Identity Protection	·
version On-board graphics card ID	0x3E92	Technology (Intel® IPT)	
CUDA	√ V	Conflict-Free processor	✓
CUDA cores	512	Power	
Number of execution units	24	Power supply *	460 W
Graphics card Mini DisplayPort ports		Operational conditions	
quantity	7	Operating temperature (T-T)	0 - 35 °C
Network		Storage temperature (T-T)	-40 - 65 °C
Ethernet LAN *	✓	Operating relative humidity (H-H)	10 - 80%
Ethernet LAN data rates	10,100,1000 Mbit/s	Storage relative humidity (H-H)	10 - 95%
Cabling technology	10/100/1000Base-T(X)	Operating altitude	-15.2 - 3048 m
Wi-Fi *	×	Non-operating altitude Operating vibration	-15.2 - 10668 m 0.26 G
Ports & interfaces		Non-operating vibration	1.37 G
USB 2.0 ports quantity *	4	Operating shock	40 G
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Non-operating shock	105 G
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Weight & dimensions Width *	176.6 mm
DisplayPorts quantity	2	Depth *	345 mm
PS/2 ports quantity	2	Height *	335 mm
Ethernet LAN (RJ-45) ports	1	Weight *	8.39 kg
Microphone in	×	Packaging content	
Headphone outputs	1	Manual	✓
Line-out	✓	Power cord included	· •
Combo headphone/mic port	✓		

orts & interfaces		Display	
Serial ports quantity	1	Display included *	×
On/off button		Other features	
		Optical drives quantity	1

