



DELL XPS 13 7390 Intel® Core™ i7 i7-10510U Laptop 33,8 cm (13.3") Full HD 16 GB LPDDR3-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Home French Silver, White

Brand : DELL

Product family: XPS

Article code: 7390-0041

Product name : 7390

DELL XPS 13 7390. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-10510U, Processor frequency: 1,8 GHz. Display diagonal: 33,8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: LPDDR3-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Home. Product color: Silver, White



Design		Processor special features	
Color name	Frost White	Enhanced Intel SpeedStep Technology	✓
Product type *	Laptop	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Product color *	Silver, White	Intel Clear Video Technology	✓
Form factor *	Clamshell	Intel® Quick Sync Video Technology	✓
Display		Intel Flex Memory Access	✓
Display diagonal *	33,8 cm (13.3")	Intel® AES New Instructions (Intel® AES-NI)	✓
Display resolution *	1920 x 1080 pixels	Intel Trusted Execution Technology	✗
Touchscreen *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
HD type	Full HD	Intel® Secure Key	✓
LED backlight	✓	Intel TSX-NI	✗
Native aspect ratio	16:9	Intel Stable Image Platform Program (SIPP)	✗
Display bezel technology	InfinityEdge	Intel® OS Guard	✓
Display brightness	400 cd/m²	Intel Software Guard Extensions (Intel SGX)	✓
Pixel pitch	0,15 x 0,15 mm	Intel 64	✓
Pixel density	166 ppi	Execute Disable Bit	✓
Display response rise/fall	30 ms	Idle States	✓
Maximum refresh rate	60 Hz	Thermal Monitoring Technologies	✓
Processor		Processor package size	46 x 24 mm
Processor manufacturer *	Intel	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor family *	Intel® Core™ i7	CPU configuration (max)	1
Processor generation	10th gen Intel® Core™ i7	Embedded options available	✗
Processor model *	i7-10510U	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cores	4		
Processor threads	8		
Processor boost frequency	4,9 GHz		
Processor frequency *	1,8 GHz		
System bus rate	4 GT/s		
Processor cache	8 MB		

Processor		Processor special features	
Processor socket	BGA 1528	Intel Virtualization Technology (VT-x)	✓
Processor lithography	14 nm	Processor ARK ID	196449
Processor operating modes	64-bit	Battery	
Processor codename	Comet Lake	Battery technology	Lithium-Ion (Li-Ion)
Thermal Design Power (TDP)	15 W	Number of battery cells	4
Configurable TDP-up frequency	2,3 GHz	Battery capacity *	52 Wh
Configurable TDP-up	25 W	Battery voltage	7,6 V
Configurable TDP-down	10 W	Battery recharge time	4 h
Configurable TDP-down frequency	0,8 GHz	Battery weight	220 g
Tjunction	100 °C	Power	
Maximum number of PCI Express lanes	16	AC adapter power	45 W
PCI Express slots version	3.0	AC adapter frequency	50 - 60 Hz
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	AC adapter input voltage	100 - 240 V
Memory		USB Type-C charging port *	✓
Internal memory *	16 GB	USB Power Delivery	✓
Internal memory type	LPDDR3-SDRAM	Security	
Memory clock speed	2133 MHz	Cable lock slot	✓
Memory form factor	On-board	Fingerprint reader	✓
Maximum internal memory *	16 GB	Password protection	✓
Storage		Operational conditions	
Total storage capacity *	512 GB	Operating temperature (T-T)	0 - 35 °C
Storage media *	SSD	Storage temperature (T-T)	-40 - 65 °C
Total SSDs capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
Number of SSDs installed	1	Storage relative humidity (H-H)	0 - 95%
SSD capacity	512 GB	Operating altitude	-15,2 - 3048 m
SSD interface	NVMe, PCI Express	Non-operating altitude	-15,2 - 10668 m
NVMe	✓	Operating shock	110 G
SSD form factor	M.2	Non-operating shock	160 G
Optical drive type *	✗	Operating vibration	0,66 G
Card reader integrated	✓	Non-operating vibration	1,3 G
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Sustainability	
Graphics		Sustainability certificates	ENERGY STAR
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	301,8 mm
Discrete graphics card *	✗	Depth	199,2 mm
On-board graphics card model *	Intel® UHD Graphics	Height (front)	7,8 mm
On-board graphics card base frequency	300 MHz	Height (rear)	1,16 cm
On-board graphics card dynamic frequency (max)	1150 MHz	Weight *	1,29 kg
Maximum on-board graphics card memory	32 GB	Packaging data	
Number of execution units	24	Package width	82 mm
On-board graphics card DirectX version	12.0	Package depth	450 mm
On-board graphics card OpenGL version	4.5	Package height	293 mm
On-board graphics card ID	0x9B41	Package weight	2,5 kg
Audio		Package material	Grey board, Corrugated cardboard, High-Density Polyethylene (HDPE), Low-density polyethylene (LDPE), Polypropylene (PP)
Audio chip	Realtek ALC3271-CG	Recycling data	
Audio system	MaxxAudio Pro	Paper molded pulp content per package	0 g
Number of built-in speakers	2	Bamboo molded pulp content per package	0 g
Speakers manufacturer	Waves	Wheat straw molded pulp content per package	0 g
Speaker power	2 W	Grey board content per package	331 g
Built-in microphone	✓	Corrugated cardboard content per package	448 g
Camera			
Front camera	✓		

Camera		Recycling data	
Front camera resolution (numeric)	0,9 MP	Corrugated cardboard content per shipping (inner) case	400 g
Front camera resolution	1280 x 720 pixels	Corrugated cardboard content per box for accessories	48 g
Front camera signal format	720p	Corrugated cardboard content per sleeve for accessories	0 g
Front camera HD type	HD	Polyethylene terephthalate (PET) content per package	0 g
Video capturing speed	30 fps	High-density polyethylene (HDPE) content per package	74 g
Network		Low-density polyethylene (LDPE) content per package	46 g
Wi-Fi	✓	Polypropylene (PP) content per package	15 g
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Polystyrene (PS) content per package	0 g
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Other materials content per package	0 g
Antenna type	2x2	Packaging content	
WLAN controller model	Killer Wireless-AX 1650	AC adapter included *	✓
Ethernet LAN	✗	Manual	✓
Bluetooth	✓	Power cord included	✓
Bluetooth version	5.0	Logistics data	
Ports & interfaces		Quantity per intermodal container (20ft)	1800 pc(s)
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Quantity per intermodal container (40ft)	3780 pc(s)
Thunderbolt 3 ports quantity	2	Pallet width	100 cm
Combo headphone/mic port	✓	Pallet length	120 cm
USB Type-C DisplayPort Alternate Mode	✓	Pallet weight	233,7 kg
Keyboard		Pallet volume weight	203,8 kg
Pointing device	Touchpad	Number of layers per pallet	3 pc(s)
Numeric keypad *	✗	Quantity per pallet layer	30 pc(s)
Keyboard backlit	✓	Quantity per pallet	90 pc(s)
Windows keys	✓	Maximum number of stacking cartons	26 pc(s)
Keyboard language	French	Other features	
Software		Maximum internal memory (64-bit)	16 GB
Operating system architecture	64-bit	EPEAT rating	85,23%
Operating system installed *	Windows 10 Home	Package volume weight	1,80195 kg
Bundled software	Financial Tracker & Retail Information		
Processor special features			
Intel® My WiFi Technology (Intel® MWT)	✓		
Intel® Identity Protection Technology (Intel® IPT)	✓		
Intel® Hyper Threading Technology (Intel® HT Technology)	✓		
Intel® Turbo Boost Technology	2.0		



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