



# DELL Precision 3470 Mobile workstation 35.6 cm (14") Full HD Intel® Core™ i7 i7-1260P 32 GB DDR5-SDRAM 1 TB SSD NVIDIA Quadro T550 Wi-Fi 6E (802.11ax) Windows 10 Pro Grey

Brand : DELL

Product family: Precision

Product code: R9TP8

Product name : 3470



DELL Precision 3470. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1260P. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA Quadro T550. Operating system installed: Windows 10 Pro. Product colour: Grey



Windows 10



Design		Network	
Product type *	Mobile workstation	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Grey	Bluetooth	✓
Form factor *	Clamshell	MIMO	✓
Market positioning	Business	<b>Ports &amp; interfaces</b>	
<b>Display</b>		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal *	35.6 cm (14")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.0
HD type	Full HD	Thunderbolt 4 ports quantity	2
Panel type	WVA	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:9	Charging port type	USB Type-C
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	400 cd/m <sup>2</sup>	USB Power Delivery	✓
Pixel pitch	0.161 x 0.161 mm	<b>Performance</b>	
Pixel density	157 ppi	Accelerometer	✓
RGB colour space	sRGB	Proximity sensor	✓
Colour gamut	100%	Hall sensor	✓
Display response rise/fall	35 ms	<b>Keyboard</b>	
Maximum refresh rate	60 Hz	Pointing device	Clickpad
Contrast ratio (typical)	1000:1	Keyboard language	German
<b>Processor</b>		Numeric keypad *	✗
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor generation	12th gen Intel® Core™ i7	<b>Software</b>	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor model *	i7-1260P	Windows 11 free upgrade	✓
Processor boost frequency	4.7 GHz		
Processor threads	16		

<b>Processor</b>		<b>Software</b>	
Processor cores	12	Operating system language	German, Dutch, English, French, Italian
Processor cache	18 MB	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Configurable TDP-down	20 W	Operating system installed *	Windows 10 Pro
Processor base power	28 W	<b>Processor special features</b>	
<b>Memory</b>		Intel Flex Memory Access	✓
Internal memory *	32 GB	Intel Trusted Execution Technology	✓
Internal memory type	DDR5-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	4800 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	CPU configuration (max)	1
Memory layout (slots x size)	2 x 16 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	64 GB	Intel Virtualization Technology (VT-x)	✓
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	4
Total SSDs capacity	1 TB	Battery capacity *	64 Wh
Number of SSDs installed	1	Battery voltage	15.2 V
SSD capacity	1 TB	Battery recharge time	2 h
SSD interface	NVMe, PCI Express 4.0	Fast charging	✓
NVMe	✓	Battery weight	283 g
SSD form factor	M.2	<b>Power</b>	
SSD performance class	40	AC adapter power	130 W
Optical drive type *	✗	AC adapter frequency	50/60 Hz
Card reader integrated	✓	AC adapter input voltage	100 - 240 V
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	USB charging voltage	20.5 V
<b>Graphics</b>		USB charging current	6.5 A
Discrete GPU manufacturer	NVIDIA	<b>Security</b>	
Discrete graphics card model *	NVIDIA Quadro T550	Cable lock slot	✓
On-board graphics card *	✓	Smart card reader	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Discrete graphics card memory	4 GB	<b>Operational conditions</b>	
Discrete graphics memory type	GDDR6	Operating temperature (T-T)	0 - 35 °C
<b>Audio</b>		Storage temperature (T-T)	-40 - 65 °C
Audio chip	Realtek ALC3204	Operating relative humidity (H-H)	10 - 90%
Audio system	MaxxAudio Pro	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speakers manufacturer	Waves	Non-operating altitude	-15.2 - 10668 m
Speaker power	2 W	Operating shock	110 G
Built-in microphone	✓	Non-operating shock	160 G
Number of microphones	2	Operating vibration	0.66 G
<b>Camera</b>		Non-operating vibration	1.3 G
Front camera	✓	<b>Sustainability</b>	
Front camera resolution (numeric)	2.07 MP	Sustainability certificates	ENERGY STAR, EPEAT Gold
Front camera resolution	1920 x 1080 pixels	<b>Weight &amp; dimensions</b>	
Front camera HD type	Full HD	Width	321.4 mm
Video capturing speed	30 fps	Depth	212 mm
Infrared (IR) camera	✓	Height (front)	2.1 cm
<b>Network</b>		Height (rear)	2.36 cm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Weight *	1.49 kg
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Wi-Fi data rate (max)	2400 Mbit/s		
Antenna type	2x2		

**Network**

WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✓

**Packaging content**

Cables included	AC
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