



## Lenovo ThinkPad P14s AMD Ryzen™ 7 PRO 7840U Mobile workstation 35.6 cm (14") 2.8K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : Lenovo

Product family: ThinkPad

Product code: 21K50018US

Product name : P14s

- Windows 11 Pro 64-bit
- AMD Ryzen 7 PRO 7840U (16MB Cache, 3.3GHz)
- 35.6 cm (14") 2.8K 2880 x 1800 OLED
- 32GB (7500MHz) LPDDR5x-SDRAM & 1000GB SSD

AMD Ryzen 7 PRO 7840U (16MB Cache, 3.3GHz), 32GB LPDDR5x-SDRAM, 1000GB SSD, 35.6 cm (14") 2.8K 2880 x 1800 OLED, AMD Radeon 780M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit  
Lenovo ThinkPad P14s. Product type: Mobile workstation, Form factor: Clamshell. Processor family: AMD Ryzen™ 7 PRO, Processor model: 7840U, Processor frequency: 3.3 GHz. Display diagonal: 35.6 cm (14"), HD type: 2.8K, Display resolution: 2880 x 1800 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
Colour name	Villi Black	Antenna type	2x2
Product type *	Mobile workstation	WLAN controller model	Qualcomm NFA725A
Product colour *	Black	WLAN controller manufacturer	Qualcomm
Form factor *	Clamshell	Ethernet LAN	✓
Display		Ethernet LAN data rates	100,1000 Mbit/s
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	2880 x 1800 pixels	Bluetooth version	5.1
Touchscreen *	✗	Near Field Communication (NFC)	✗
HD type	2.8K	WWAN	Upgradable
Panel type	OLED	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	USB4 Gen 3x2 ports quantity	1
Display brightness	400 cd/m <sup>2</sup>	Ethernet LAN (RJ-45) ports	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Contrast ratio (typical)	100000:1	Combo headphone/mic port	✓
High Dynamic Range (HDR) supported	✓	USB Type-C DisplayPort Alternate Mode	✓
High Dynamic Range (HDR) technology	HDR True Black 500, Dolby Vision	USB Sleep-and-Charge	✓
Processor		USB Sleep-and-Charge ports	2
Processor manufacturer *	AMD	Performance	
Processor family *	AMD Ryzen™ 7 PRO	Motherboard chipset	AMD SoC
Processor generation	AMD Ryzen PRO 7000 Series	Keyboard	
Processor model *	7840U	Pointing device	ThinkPad UltraNav
Processor cores	8	Keyboard layout	QWERTY
Processor boost frequency	5.1 GHz		

<b>Processor</b>		<b>Keyboard</b>	
Processor frequency *	3.3 GHz	Keyboard language	US English
Processor cache	16 MB	Numeric keypad *	✗
Processor cache type	L3	Keyboard backlit	✓
<b>Memory</b>		Spill-resistant keyboard	✓
Internal memory *	32 GB	<b>Software</b>	
Internal memory type	LPDDR5x-SDRAM	Operating system architecture	64-bit
Memory clock speed	7500 MHz	Operating system language	English
Memory form factor	On-board	Operating system installed *	Windows 11 Pro
Maximum internal memory *	32 GB	<b>Battery</b>	
Memory channels	Dual-channel	Battery technology	Lithium Polymer (LiPo)
Non-ECC	✓	Battery capacity *	52.5 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	1 TB	<b>Power</b>	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	1 TB	AC adapter frequency	50/60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	1 TB	USB Power Delivery (USB PD) *	✓
SSD interface	PCI Express 4.0	<b>Security</b>	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Kensington
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✗	Smart card reader	✗
<b>Graphics</b>		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	HDD, Power on, Supervisor
Discrete graphics card *	✗	<b>Operational conditions</b>	
On-board graphics card family	AMD Radeon	Operating temperature (T-T)	5 - 35 °C
On-board graphics card model *	AMD Radeon 780M	Storage temperature (T-T)	5 - 43 °C
<b>Audio</b>		Operating relative humidity (H-H)	8 - 95%
Audio chip	Realtek ALC3287	Storage relative humidity (H-H)	5 - 95%
Audio system	Dolby Audio	Maximum shipping altitude	3048 m
Number of built-in speakers	2	<b>Certificates</b>	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	Certification	MIL-STD-810G
Number of microphones	2	<b>Sustainability</b>	
<b>Camera</b>		Sustainability certificates	TCO, ENERGY STAR, EPEAT Gold
Front camera	✓	<b>Weight &amp; dimensions</b>	
Front camera resolution (numeric)	5 MP	Width	317.7 mm
Infrared (IR) camera	✓	Depth	226.9 mm
Privacy camera	✓	Height	17.9 mm
Privacy type	Privacy shutter	Weight *	1.34 kg
<b>Network</b>			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), 802.11b, Wi-Fi 4 (802.11n), Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		



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