



Lenovo ThinkPad P15 Gen 1 Intel® Core™ i7 i7-10750H Mobile workstation 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD NVIDIA Quadro T2000 Wi-Fi 6 (802.11ax) Windows 10 Pro Portuguese Black



Brand : Lenovo

Product family: ThinkPad

Product code: 20ST000BPG

Product name : ThinkPad P15 Gen 1

- Intel Core i7-10750H (2.6GHz)
- 15.6" Full HD 1920 x 1080 IPS
- 16 DDR4-SDRAM & 512GB SSD
- Windows 10 Pro

Intel Core i7-10750H (2.6 GHz), 16GB DDR4-SDRAM, 512GB SDD, 15.6" Full HD 1920 x 1080 IPS, NVIDIA Quadro T2000, Webcam, Bluetooth, WLAN, LAN, Windows 10 Pro



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Versatile power

Power and mobility are optimized in the ThinkPad® P15, Lenovo's most popular mobile workstation. The P15 features the latest Intel® Xeon® or 10th Gen Intel® Core™ processor options and support for the ultra-powerful NVIDIA® Quadro RTX™ 5000 for a top of the line experience. A redesigned interior boasts enhanced thermals for improved cooling. And a Lenovo-developed innovative graphics daughter board promotes complete configurability to customize your system to your workflow.

Design		Ports & interfaces	
Colour name	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product type *	Mobile workstation	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Product colour *	Black	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Display		HDMI version	2.0
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	USB Type-C DisplayPort Alternate Mode	✓
Touchscreen *	✗	USB Sleep-and-Charge	✓
HD type	Full HD	USB Sleep-and-Charge ports	1
Panel type	IPS	Performance	
LED backlight	✓	Motherboard chipset	Intel WM490
Native aspect ratio	16:9	Keyboard	
Anti-glare screen	✓	Pointing device	ThinkPad UltraNav
Display brightness	300 cd/m²	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i7	Keyboard language	Portuguese
Processor generation	10th gen Intel® Core™ i7	Software	
Processor model *	i7-10750H	Operating system architecture	64-bit
Processor cores	6	Operating system installed *	Windows 10 Pro
Processor boost frequency	5 GHz	Processor special features	
Processor frequency *	2.6 GHz	Enhanced Intel SpeedStep Technology	✓
Configurable TDP-down	35 W	Intel Flex Memory Access	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		
Memory clock speed	2933 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		

Memory		Processor special features	
Memory slots	4x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	128 GB	Intel Stable Image Platform Program (SIPP)	✗
Storage		Intel Software Guard Extensions (Intel SGX)	✓
Total storage capacity *	512 GB	Intel 64	✓
Storage media *	SSD	Execute Disable Bit	✓
Total SSDs capacity	512 GB	Idle States	✓
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	512 GB	Embedded options available	✗
SSD interface	PCI Express	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Battery technology	Lithium Polymer (LiPo)
Compatible memory cards	SD	Battery capacity *	94 Wh
Graphics		Battery life (max)	16.4 h
Discrete graphics card model *	NVIDIA Quadro T2000	Power	
Discrete graphics card memory	4 GB	AC adapter power	170 W
Discrete graphics memory type	GDDR6	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	Security	
Discrete graphics card *	✓	Cable lock slot	✓
On-board graphics card model *	Intel® UHD Graphics	Cable lock slot type	Kensington
Audio		Fingerprint reader	✓
Audio chip	Realtek ALC3286	Smart card reader	✓
Audio system	Dolby Atmos	Trusted Platform Module (TPM)	✓
Number of built-in speakers	2	Password protection	✓
Speaker power	2 W	Password protection type	HDD, Power on, Supervisor
Built-in microphone	✓	Operational conditions	
Number of microphones	2	Operating temperature (T-T)	5 - 35 °C
Camera		Storage temperature (T-T)	5 - 43 °C
Front camera	✓	Operating relative humidity (H-H)	8 - 95%
Front camera HD type	HD	Storage relative humidity (H-H)	5 - 95%
Privacy camera	✓	Certificates	
Privacy type	Privacy shutter	MIL-STD-810G compliant	✓
Network		Compliance certificates	RoHS
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Sustainability	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Sustainability certificates	ENERGY STAR, EPEAT Gold
Antenna type	2x2	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6 AX201	Width	375.4 mm
WLAN controller manufacturer	Intel	Depth	252.3 mm
Ethernet LAN	✓	Height (front)	2.45 cm
Ethernet LAN data rates	100,1000 Mbit/s	Height (rear)	3.15 cm
Bluetooth	✓	Weight *	2.74 kg
Bluetooth version	5.1		
Near Field Communication (NFC)	✗		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		



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