



LG Gram Pro 16TB90TP Intel Core Ultra 7 255H Hybrid (2-in-1) 40.6 cm (16") Touchscreen WQXGA+ 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Black

Brand : LG

Product family: Gram Pro

Product code: 16TB90TP-
K.AP78G

Product name : 16TB90TP

LG Gram Pro 16TB90TP. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 40.6 cm (16"), HD type: WQXGA+, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Storage	
Product type *	Hybrid (2-in-1)	Optical drive type *	×
Product colour *	Black	Graphics	
Form factor *	Convertible (Folder)	Discrete graphics card model *	Not available
Introduction year	2025	On-board graphics card *	✓
Original brand name	LG	On-board GPU manufacturer	Intel
Display		Discrete graphics card *	×
Display diagonal *	40.6 cm (16")	On-board graphics card family	Intel Arc Graphics
Display resolution *	2880 x 1800 pixels	On-board graphics card model *	Intel Arc 140T
Touchscreen *	✓	On-board graphics card cores	8
HD type	WQXGA+	On-board graphics card 4K support	✓
Panel type	OLED	On-board graphics card 8K support	✓
Native aspect ratio	16:10	Graphics card Open GL support	✓
Display brightness	400 cd/m²	Audio	
Display diagonal (metric)	40.6 cm	Audio system	Dolby Atmos
RGB colour space	DCI-P3	Number of built-in speakers	2
Colour gamut	100%	Speaker power	3 W
Maximum refresh rate	120 Hz	Built-in microphone	✓
Processor		Number of microphones	2
Processor manufacturer *	Intel	Camera	
Processor family *	Intel Core Ultra 7	Front camera	✓
Processor generation	Intel Core Ultra (Series 2)	Front camera resolution	1920 x 1080 pixels
Processor model *	255H	Front camera HD type	Full HD
Processor cores	16	Infrared (IR) camera	✓
Processor threads	16	Network	
Processor boost frequency	5.1 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Performance cores	6	Mobile network connection *	×
Efficient cores	8	Bluetooth	✓
Low Power Efficient-cores	2	Bluetooth version	5.4
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	4.4 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient-core base frequency	1.5 GHz	USB4 Gen 3x2 ports quantity	2
Low Power Efficient-core Base Frequency	700 MHz	HDMI ports quantity *	1
Processor cache	24 MB	Intel® Thunderbolt 4	✓
Processor base power	28 W	Headphone outputs	1
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Keyboard layout	QWERTZ
NPU performance up to	13 TOPs	Keyboard language	German
Memory		Copilot key	✓
Internal memory *	16 GB	Software	
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	8400 MHz	Battery	
Memory form factor	On-board	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	16 GB	Battery capacity *	77 Wh
Memory channels	Dual-channel	Battery life (max)	19 h
Storage		Power	
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	Weight & dimensions	
Number of SSDs installed	1	Width	357.3 mm
SSD capacity	1 TB	Depth	253.8 mm
SSD interface	PCI Express 4.0	Height (front)	1.24 cm
NVMe	✓	Height (rear)	1.29 cm
SSD form factor	M.2	Weight *	1.4 kg
		Packaging data	
		Package weight	2.2 kg
		Packaging content	
		AC adapter included *	✓



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