



LG Gram Pro Copilot+ PC Intel Core Ultra 5 225H Laptop 40.6 cm (16") Touchscreen 2.8K 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : LG

Product family: Gram Pro

Product code: 16T90TP-K.APB2U1

Product name : gram Pro

- 16" VRR (48Hz - 120Hz) 2.8K OLED touch display with immaculate color and deep blacks
 - Windows 11 Pro with AI assistant Copilot, tools for productivity, creativity, and accessibility
 - 512 GB storage & 16 GB memory to meet your evolving needs
 - Intel®¹ Core™ Ultra 5 (Series 2) for cutting-edge AI power and next-gen efficiency
 - An ultra-portable 16" IPS laptop that's just 3 lbs and only 0.5" thin
 - Built-in webcam and MIC, along with Dolby ATMOS speakers make video conferencing easy
- gram Pro 2-in-1 16 Inch, Windows 11 Pro, Lightweight Laptop, Intel® Core™ Ultra 5, 16GB RAM, 512 GB SSD, Black



Design		Storage	
Product type *	Laptop	Total storage capacity *	512 GB
Product colour *	Black	Storage media *	SSD
Form factor *	Convertible (Folder)	Total SSDs capacity	512 GB
Country of origin	China	Number of SSDs installed	1
Display		SSD capacity	512 GB
Display diagonal *	40.6 cm (16")	SSD interface	PCI Express 4.0
Display resolution *	2880 x 1800 pixels	NVMe	✓
Touchscreen *	✓	SSD form factor	M.2
HD type	2.8K	Optical drive type *	✗
Panel type	OLED	Card reader integrated	✓
Display brightness	400 cd/m²	Compatible memory cards	MicroSD (TransFlash)
RGB colour space	DCI-P3	Graphics	
Colour gamut	100%	Discrete graphics card model *	Not available
Display response rise/fall	0.2 ms	On-board graphics card *	✓
Maximum refresh rate	120 Hz	On-board GPU manufacturer	Intel
Processor		Discrete graphics card *	✗
Processor manufacturer *	Intel	On-board graphics card family	Intel Arc Graphics
Processor family *	Intel Core Ultra 5	On-board graphics card model *	Intel Arc 130T
Processor generation	Intel Core Ultra (Series 2)	Audio	
Processor model *	225H	Audio system	Dolby Atmos
Processor cores	14	Built-in microphone	✓
Processor threads	14	Camera	
Processor boost frequency	4.9 GHz	Front camera	✓
Performance cores	4	Front camera HD type	Full HD
Efficient cores	8	Infrared (IR) camera	✓
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.9 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Efficient-core Max Turbo Frequency	4.3 GHz	Mobile network connection *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Antenna type	2x2
Performance-core base frequency	1.7 GHz	WLAN controller manufacturer	Intel
Efficient-core base frequency	1.3 GHz	Bluetooth	✓
Low Power Efficient-core Base Frequency	700 MHz	Bluetooth version	5.4
Processor cache	18 MB		
Processor cache type	Smart Cache		

Processor		Ports & interfaces	
Processor socket	BGA 2049	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor base power	28 W	USB4 Gen 3x2 ports quantity	2
Maximum turbo power	115 W	HDMI ports quantity *	1
Neural processor unit (NPU)		Intel® Thunderbolt 4	✓
Copilot+ PC	✓	Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	83 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	Battery	
GPU performance up to	63 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Battery capacity *	77 Wh
Internal memory *	16 GB	Power	
Internal memory type	LPDDR5x-SDRAM	USB Type-C charging port *	✓
Memory clock speed	8400 MHz	USB Power Delivery (USB PD)	✓
Memory form factor	On-board	Weight & dimensions	
Maximum internal memory *	16 GB	Width	357.3 mm
		Depth	253.8 mm
		Height	12.4 mm
		Weight *	1.39 kg
		Packaging data	
		Package width	477 mm
		Package depth	298 mm
		Package height	62 mm
		Package weight	2.19 kg
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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