



LG Gram Pro 17Z90TP Copilot+ PC Intel Core Ultra 7 255H Laptop 43.2 cm (17") 2.5K 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : LG

Product family: Gram Pro

Product code: 17Z90TP-
G.APB7U1

Product name : 17Z90TP

- Windows 11 Home 64-bit
- Intel Core Ultra 7 255H (24MB Cache)
- 17" 2.5K 2560 x 1600 IPS-Pro
- 32GB (8400MHz) LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 255H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 17" 2.5K 2560 x 1600 IPS-Pro, Intel Arc 140T, WLAN, Webcam, Windows 11 Home 64-bit

LG Gram Pro 17Z90TP. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 43.2 cm (17"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 32 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 Home. Product colour: Black. Weight: 1.35 kg

Design		Graphics	
Colour name	Obsidian Black	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc 140T
Product colour *	Black	On-board graphics card 4K support	✓
Form factor *	Clamshell	On-board graphics card 6K support	✓
Housing material	Magnesium	On-board graphics card 8K support	✓
Market positioning	High performance	Graphics card Open GL support	✓
Certified refurbished	✗	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	43.2 cm (17")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speaker power	3 W
Touchscreen *	✗	Built-in microphone	✓
HD type	2.5K	Number of microphones	2
Panel type	IPS-Pro	Camera	
Native aspect ratio	16:10	Front camera	✓
Display surface	Matt	Front camera resolution	1920 x 1080 pixels
Anti-glare screen	✓	Front camera HD type	Full HD
Display brightness	400 cd/m²	Infrared (IR) camera	✓
Display diagonal (metric)	43.18 cm	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	99%	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum refresh rate	144 Hz	Mobile network connection *	✗
Contrast ratio (typical)	1500:1	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE201
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel Core Ultra (Series 2)	Bluetooth version	5.4
Processor model *	255H	Ports & interfaces	
Processor cores	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor threads	16	HDMI ports quantity *	1
Processor boost frequency	5.1 GHz		
Performance cores	6		
Efficient cores	8		

Processor		Ports & interfaces	
Low Power Efficient-cores	2	HDMI version	2.1
Performance-core Max Turbo Frequency	5.1 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	4.4 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.5 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✓
Processor base power	28 W	Keyboard backlit	✓
Maximum turbo power	115 W	Full-size keyboard	✓
Neural processor unit (NPU)		Keyboard number of keys	101
Copilot+ PC	✓	Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Microsoft Copilot	✓
AI datatype support on NPU	Int8	Operating system installed *	Windows 11 Home
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Processor special features	
Total processor performance up to	96 TOPs	Video decode engine	✓
NPU performance up to	13 TOPs	Video encode engine	✓
GPU performance up to	74 TOPs	Brand-specific features	
Memory		Brand specific technologies	Intelligent Privacy, Wide color (P3)
Internal memory *	32 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	8400 MHz	Battery capacity *	77 Wh
Memory channels	Dual-channel	Power	
Storage		AC adapter power	65 W
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (max) *	65 W
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	379.4 mm
Graphics		Depth	265.4 mm
Discrete graphics card model *	Not available	Height	13.2 mm
On-board graphics card *	✓	Weight *	1.35 kg
On-board GPU manufacturer	Intel	Packaging data	
Discrete graphics card *	✗	Package width	499 mm
		Package depth	60 mm
		Package height	307 mm
		Package weight	2.45 kg
		Packaging content	
		AC adapter included *	✓



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