



# LG Gram 16T90R-K.AA78A1 laptop Intel® Core™ i7 i7-1360P Hybrid (2-in-1) 40.6 cm (16") Touchscreen WQXGA 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram

Product code: 16T90R-K.AA78A1

Product name : 16T90R-K.AA78A1



- Windows 11 Home 64-bit
- Intel Core i7-1360P (18MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS Touch
- 16GB (5200MHz) LPDDR5-SDRAM & 1000GB SSD

Intel Core i7-1360P (18MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS Touch, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

LG Gram 16T90R-K.AA78A1. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Obsidian Black	Audio system	Dolby Atmos
Product type *	Hybrid (2-in-1)	Number of built-in speakers	2
Product colour *	Black	Speaker power	2 W
Form factor *	Convertible (Folder)	Built-in microphone	✓
Housing material	Magnesium	Camera	
Market positioning	Premium	Front camera	✓
Introduction year	2023	Front camera HD type	Full HD
Country of origin	China	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✓	Antenna type	2x2
HD type	WQXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.1
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display brightness	350 cd/m <sup>2</sup>	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	13th gen Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-1360P	Software	
Processor cores	12	Operating system architecture	64-bit
Processor boost frequency	5 GHz	Operating system installed *	Windows 11 Home
Performance cores	4		
Efficient cores	8		

<b>Processor</b>		<b>Processor special features</b>	
Performance-core Max Turbo Frequency	5 GHz	Intel® Evo™ Platform Verified	✓
Efficient-core Max Turbo Frequency	3.7 GHz	CPU configuration (max)	1
Processor cache	18 MB	<b>Battery</b>	
Processor cache type	Smart Cache	Battery technology	Lithium-Ion (Li-Ion)
Configurable TDP-down	20 W	Battery capacity *	80 Wh
Processor base power	28 W	Battery life (max)	22.5 h
Maximum turbo power	64 W	Continuous video playback time	21.5 h
<b>Memory</b>		Browsing time (Wi-Fi)	14 h
Internal memory *	16 GB	<b>Power</b>	
Internal memory type	LPDDR5-SDRAM	AC adapter power	65 W
Memory clock speed	5200 MHz	<b>Security</b>	
<b>Storage</b>		Face recognition	✓
Total storage capacity *	1 TB	Windows Hello	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	1 TB	<b>Weight &amp; dimensions</b>	
Number of SSDs installed	1	Width	356.6 mm
SSD capacity	1 TB	Depth	248.3 mm
NVMe	✓	Height	16.9 mm
SSD form factor	M.2	Weight *	1.48 kg
Optical drive type *	✗	<b>Packaging data</b>	
Card reader integrated	✓	Package width	490 mm
Compatible memory cards	MicroSD (TransFlash)	Package depth	310 mm
<b>Graphics</b>		Package height	67 mm
Discrete graphics card model *	Not available	Package weight	2.58 kg
On-board graphics card *	✓	<b>Logistics data</b>	
On-board GPU manufacturer	Intel	Harmonized System (HS) code	8528529900
Discrete graphics card *	✗	<b>Other features</b>	
On-board graphics card family	Intel Iris Xe Graphics	Warranty period	1 year(s)
On-board graphics card model *	Intel Iris Xe Graphics		



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