



# LG 16Z90RS-K.AD77A1 laptop 40.6 cm (16") WQXGA+ Intel® Core™ i7 i7-1360P 32 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** LG

**Product code:** 16Z90RS-K.AD77A1

**Product name :** 16Z90RS-K.AD77A1

- Windows 11 Home  
 - Intel Core i7-1360P (18MB Cache)  
 - 40.6 cm (16") WQXGA+ 3200 x 2000 OLED  
 - 32GB (6000MHz) LPDDR5-SDRAM & 1000GB SSD  
 Intel Core i7-1360P (18MB Cache), 32GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA+ 3200 x 2000 OLED, Intel Iris Xe Graphics, LAN, WLAN, Webcam, Windows 11 Home  
 LG 16Z90RS-K.AD77A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 40.6 cm (16"), HD type: WQXGA+, Display resolution: 3200 x 2000 pixels. Internal memory: 32 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: Silver. Weight: 1.23 kg



Design		Graphics	
Product type *	Laptop	Discrete graphics card *	✗
Product colour *	Silver	On-board graphics card family	Intel Iris Xe Graphics
Form factor *	Clamshell	On-board graphics card model *	Intel Iris Xe Graphics
Market positioning	Performance	<b>Audio</b>	
Introduction year	2023	Number of built-in speakers	2
<b>Display</b>		Built-in microphone	✓
Display diagonal *	40.6 cm (16")	<b>Camera</b>	
Display resolution *	3200 x 2000 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA+	<b>Network</b>	
Panel type	OLED	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	400 cd/m <sup>2</sup>	Antenna type	2x2
Display diagonal (metric)	40.6 cm	WLAN controller model	Intel Wi-Fi 6E AX211
Maximum refresh rate	120 Hz	WLAN controller manufacturer	Intel
<b>Processor</b>		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	10,100 Mbit/s
Processor generation	13th gen Intel® Core™ i7	Bluetooth	✓
Processor family *	Intel® Core™ i7	Bluetooth version	5.1
Processor model *	i7-1360P	<b>Ports &amp; interfaces</b>	
Processor boost frequency	5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Efficient-core Max Turbo Frequency	3.7 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5 GHz	Thunderbolt 4 ports quantity	2
Processor cores	12	Intel® Thunderbolt 4	✓
Performance cores	4	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	USB Power Delivery	✓
Processor cache	18 MB	<b>Keyboard</b>	
Processor cache type	Smart Cache	Pointing device	Touchpad
Configurable TDP-down	20 W	Numeric keypad *	✓
Processor base power	28 W	Full-size keyboard	✓
Maximum turbo power	64 W	<b>Software</b>	
<b>Memory</b>		Operating system installed *	Windows 11 Home
Internal memory *	32 GB		
Internal memory type	LPDDR5-SDRAM		
Memory clock speed	6000 MHz		

<b>Memory</b>		<b>Processor special features</b>	
Memory form factor	SO-DIMM	Intel® Evo™ Platform Verified	✓
Memory slots	2x SO-DIMM	CPU configuration (max)	1
<b>Storage</b>		<b>Battery</b>	
Total storage capacity *	1 TB	Battery capacity *	80 Wh
Storage media *	SSD	<b>Power</b>	
Total SSDs capacity	1 TB	AC adapter power	65 W
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	1 TB	Face recognition	✓
NVMe	✓	<b>Weight &amp; dimensions</b>	
SSD form factor	M.2	Width	355.1 mm
Optical drive type *	✗	Depth	241.3 mm
Card reader integrated	✓	Height	15.9 mm
Compatible memory cards	MicroSD (TransFlash)	Weight *	1.23 kg
<b>Graphics</b>		<b>Packaging data</b>	
Discrete graphics card model *	Not available	Package width	475 mm
On-board graphics card *	✓	Package depth	290 mm
On-board GPU manufacturer	Intel	Package height	60 mm
		Package weight	2.2 kg

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