LG 16Z90RS-K.AD77A1 laptop Intel® Core™ i7 i7-1360P 40.6 cm (16") WQXGA+ 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	
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Performance
Introduction year	2023
Display	
Display diagonal *	40.6 cm (16")
Display resolution *	3200 x 2000 pixels
Touchscreen *	✗
HD type	WQXGA+
Panel type	OLED
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	400 cd/m²
Display diagonal (metric)	40.6 cm
Maximum refresh rate	120 Hz
Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-1360P
Processor cores	12
Processor boost frequency	5 GHz
Performance cores	4
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W
Processor base power	28 W
Maximum turbo power	64 W
Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5-SDRAM
Memory clock speed	6000 MHz

Graphics	
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics
Audio	
Number of built-in speakers	2
Built-in microphone	✓
Camera	
Front camera	✓
Front camera HD type	Full HD
Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Ethernet LAN	✓
Ethernet LAN data rates	10,100 Mbit/s
Bluetooth	✓
Bluetooth version	5.1
Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Ethernet LAN (RJ-45) ports	1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Full-size keyboard	✓
Software	
Operating system installed *	Windows 11 Home

Memory	
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel

Processor special features	
Intel® Evo™ Platform Verified	✓
CPU configuration (max)	1

Battery	
Battery capacity *	80 Wh

Power	
AC adapter power	65 W

Security	
Face recognition	✓

Weight & dimensions	
Width	355.1 mm
Depth	241.3 mm
Height	15.9 mm
Weight *	1.23 kg

Packaging data	
Package width	475 mm
Package depth	290 mm
Package height	60 mm
Package weight	2.2 kg

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Publication date: 17-JUN-2024. Prints or copies of Information are only valid on the printed Publication date