2023 LG gram 16-inch

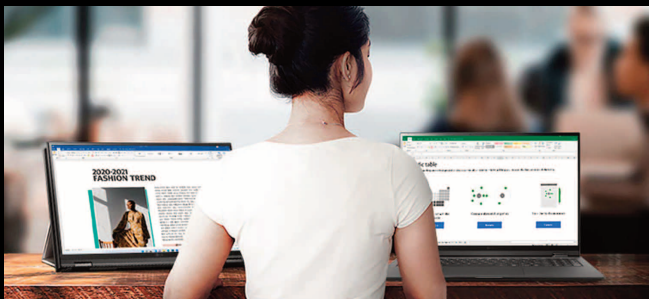## This all-new 2023 LG gram features 13th Gen Core® i7 and i5 Processors

16Z90R Series

KEY FEATURES

Windows 11 Pro (64bit)

Intel 13th Gen i7 / i5 Processor Options

16GB / 8GB System Memory Options

1TB / 512GB SSD Storage Options

16.0" WQXGA (2560x1600) IPS Display

DCI-P3 99% Color Gamut

Intel Iris Xe Graphics

Trusted Platform Module (TPM) Security

HD Webcam with Dual Microphone

Dedicated Numeric Keypad

Ultra-thin 0.7" Thickness

Extremely Light 2.64 lbs.

Tough MIL-STD-810G Compliant

Combining a tough, lightweight magnesium alloy body with an ultra-thin form factor, excellent performance and great battery life, The new LG gram is the ultimate tool for the business traveler. This LG gram has been redesigned with 13th Gen Intel processors, narrower bezels on all four sides, a 16:10 aspect ratio while retaining its powerful 80 Wh battery.

Light Weight

The LG gram 16-inch laptop offers awesome screen size without the weight. With gram's innovative design and construction, this laptop weighs less than 3 pounds, so it's easy to take anywhere.

Intel vPro®

For enterprises that need improved security, performance, and manageability, Intel vPro offers a potent platform. Intel vPro is an excellent part of selected LG gram models that has built-in hardware-based security features, remote management capability, and tremendous processing power.

Tough & Low Profile

The sleek metal alloy body of the LG gram combines advanced nano carbon with magnesium to create a light weight yet durable housing for the computer that's still beautifully thin at 0.66" thick.

Long-Lasting Battery

Portability is a function of battery life in addition to size and weight, and this LG gram has been designed to keep going with up to 14.5 hours of power* to hit deadlines and keep streaming long after others have quit.

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*MobileMark® 2018 standard. Battery life will vary from specifications depending on model, setup configuration, applications used, features utilized and power matnagement settings.

LG gram 16Z90R Series with Intel vPro®

		16Z90R-Q.APB7U1	16Z90R-Q.APB5U1
Processor		i7-1360P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 2.2 GHz with turbo up to 5.0 GHz 8 Efficient Cores @ 1.6 GHz with turbo up to 3.7 GHz 18 MB Intel Smart Cache	i5-1340P 13th Gen Intel® Core™ Processor with 12 Cores (4P+8E) 4 Performance Cores @ 1.9 GHz with turbo up to 4.6 GHz 8 Efficient Cores @ 1.4 GHz with turbo up to 3.4 GHz 12 MB Intel Smart Cache
Intel vPro®		YES	YES
Operation System		Windows 11 Pro	Windows 11 Pro
System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	1TB NVMe Gen4 M.2(2280) Dual SSD slots	512GB NVMe Gen4 M.2(2280) Dual SSD slots
Display	Diagonal	16 in.	16 in.
		40.6 cm	40.6 cm
	Resolution	WQXGA (2560 x 1600)	WQXGA (2560 x 1600)
	Ratio	16:10	16:10
	Panel Type	IPS Non Touch	IPS Non Touch
	Refresh Rate	60Hz / VRR (31Hz~144Hz, option)	60Hz / VRR (31Hz~144Hz, option)
	Brightness	350 nits / 400 nits (VRR)	350 nits / 400 nits (VRR)
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphics	Intel Iris Xe Graphics
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
BT		BT 5.1	BT 5.1
Webcam		FHD IR Webcam with Dual Mic (Face recognition)	FHD IR Webcam with Dual Mic (Face recognition)
Sound Effect		HD Audio with Dolby Atmos	HD Audio with Dolby Atmos
Speaker		Stereo Speaker 2.0W x 2	Stereo Speaker 2.0W x 2
Security		SSD Security, fTPM/HW TPM(Option), Slim Kensington lock	SSD Security, fTPM/HW TPM(Option), Slim Kensington lock
Input Devices	Keyboard	Full Size 97-Key Backlit Keyboard with 3 Column Numeric Keypad	Full Size 97-Key Backlit Keyboard with 3 Column Numeric Keypad
	Pointing Device	Precision Touch Pad with Scroll and Gesture Functions (131.5 x 82.6 mm)	Precision Touch Pad with Scroll and Gesture Functions (131.5 x 82.6 mm)
Memory Card		Micro SD	Micro SD
Connectivity	Headphone Out	4-Pole 3.5mm Headset Jack	4-Pole 3.5mm Headset Jack
	USB Type A	USB 3.2 Gen2x1 (x2)	USB 3.2 Gen2x1 (x2)
	USB Type C	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4	USB 4 Gen3x2 Type C (x2) with USB PD, Display Port, Thunderbolt 4
	HDMI	HDMI	HDMI
Battery		80 Wh Li-Ion MobileMark 2018: 14.5 hr Video playback: 23.5 hr JEITA 2.0: 24.5 hr	80 Wh Li-Ion MobileMark 2018: 14.5 hr Video playback: 23.5 hr JEITA 2.0: 24.5 hr
AC Adapter		65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount 'I' type, for US)	65W (New, Small size) 2-pole with external 2m USB-C to USB-C 5A cable, Black (Wall-mount 'I' type, for US)
Buttons		Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		355.1 x 242.3 x 16.8 mm	355.1 x 242.3 x 16.8 mm
		13.98 x 9.54 x 0.66 in.	13.98 x 9.54 x 0.66 in.
Shipping Dimensions		475 x 290 x 60 mm	475 x 290 x 60 mm
		18.8 x 11.5 x 2.4 in.	18.8 x 11.5 x 2.4 in.
Weight		1.2 kg	1.2 kg
		2.64 lbs.	2.64 lbs.
Shipping Weight		2.2 kg	2.2 kg
		4.9 lbs.	4.9 lbs.
Color		Obsidian Black	Obsidian Black
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unision McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 (Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile	LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unision McAfee Live Safe (30 Days Trial) Intel® Connectivity Performance Suite LG Smart Assistant 2.0 (Add feature : LG Cleaning Helper, LG Hotkey Extension) LG PC Manuals LG Update & Recovery LG Glance by Mirametrix® PCmover Professional New Wall paper LG Lively Theme (Wall-paper/ icon) LG Display Extension LG Security Guard Sync on Mobile

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LG gram 16Z90R Series Standard

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Intel vPro®		NO	NO
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System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	8GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	1TB NVMe Gen4 M.2(2280) Dual SSD slots	512GB NVMe Gen4 M.2(2280) Dual SSD slots
Display	Diagonal	16in. 43.18 cm	16in. 43.18 cm
	Resolution	WQXGA (2560 x 1600)	WQXGA (2560 x 1600)
	Ratio	16:10	16:10
	Panel Type	IPS Non Touch	IPS Non Touch
	Refresh Rate	60Hz / VRR (31Hz~144Hz, option)	60Hz / VRR (31Hz~144Hz, option)
	Brightness	350 nits / 400 nits (VRR)	350 nits / 400 nits (VRR)
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