

# 2023 LG gram 17-inch

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



KEY FEATURES

## 17Z90R Series

- Windows 11 Pro (64bit)
- Intel 13th Gen i7 / i5 Processor Options
- 16GB / 8GB System Memory Options
- 1TB / 512GB SSD Storage Options
- 17.0" 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 2.98 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 17-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.



### 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 0.7" thick.

### 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.



### 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 13.5 hours of power\* to hit deadlines and keep streaming long after others have quit.

# 17Z90R Series with Intel vPro® Specifications

## 17Z90R-Q.APB7U1

## 17Z90R-Q.APB5U1

Processor		i7-1370P 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	i5-1350P 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
Operation System		Windows 11 Pro	Windows 11 Pro
Intel vPro®		YES	YES
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	17 in. 43.18 cm	17 in. 43.18 cm
Display	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)
Bluetooth		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
Speakers		Stereo Speaker 2.0W x 2	Stereo Speaker 2.0W x 2
Security		SSD Security, fTPM/HW TPM(Optional), Slim Kensington lock	SSD Security, fTPM/HW TPM(Optional), Slim Kensington lock
Input Devices	Keyboard	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad	Full Size 100-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: 13.5 hr Video playback: 20 hr JEITA 2.0: 21 hr	80 Wh Li-Ion MobileMark 2018: 13.5 hr Video playback: 20 hr JEITA 2.0: 21 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		378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.	378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.
Shipping Dimensions		499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.	499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.
Weight		1.35 kg 2.98 lbs.	1.35 kg 2.98 lbs.
Shipping Weight		2.5 kg 5.6 lbs.	2.5 kg 5.6 lbs.
Color		Obsidian Black	Obsidian Black
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison 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® Unison 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
Warranty		3 Year Limited	3 Year Limited

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

# 17Z90R Series Specifications

## 17Z90R-N.APB7U1

## 17Z90R-N.APC5U1

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
Operation System		Windows 11 Pro	Windows 11 Pro
Intel vPro®		NO	NO
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	17 in. 43.18 cm	17 in. 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)
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)
Bluetooth		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
Speakers		Stereo Speaker 2.0W x 2	Stereo Speaker 2.0W x 2
Security		SSD Security, FTPM/HW TPM(Optional), Slim Kensington lock	SSD Security, FTPM/HW TPM(Optional), Slim Kensington lock
Input Devices	Keyboard	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad	Full Size 100-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: 13.5 hr Video playback: 20 hr JEITA 2.0: 21 hr	80 Wh Li-Ion MobileMark 2018: 13.5 hr Video playback: 20 hr JEITA 2.0: 21 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		378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.	378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.
Shipping Dimensions		499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.	499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.
Weight		1.35 kg 2.98 lbs.	1.35 kg 2.98 lbs.
Shipping Weight		2.5 kg 5.6 lbs.	2.5 kg 5.6 lbs.
Color		Obsidian Black	Charcoal gray
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison 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® Unison 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
Warranty		3 Year Limited	3 Year Limited

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# 17Z90R Series Specifications

## 17Z90R-Q.APB6U1

## 17Z90R-N.APB9U1

Processor		i5-1350P 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	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
Operation System		Windows 11 Pro	Windows 11 Pro
Intel vPro®		YES	NO
System Memory		16GB LPDDR5 (Dual Channel, 6000MHz)	32GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	M.2(2280) Dual SSD slots, Gen4 - NVMe: 512GB, Gen4	M.2(2280) Dual SSD slots, Gen4 - NVMe: 1TB, Gen4
Display	Diagonal	17 In. 43.18 cm	17 In. 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	60 Hz	60 Hz
	Brightness	350 nits	350 nits
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphic	Intel Iris Xe Graphic
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
Bluetooth		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
Speakers		Stereo Speaker 2.0W x 2	Stereo Speaker 2.0W x 2
Security		SSD Security, FTPM/HW TPM, Slim Kensington lock	SSD Security, FTPM/HW TPM, Slim Kensington lock
Input Devices	Keyboard	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad
	Pointing Device	Precision Touch Pad w/ Scroll and Gesture Function (size: 131.5 x 82.6mm)	Precision Touch Pad w/ Scroll and Gesture Function (size: 131.5 x 82.6mm)
Memory Card		Micro SD	Micro SD
Connectivity	Headphone Out	4Pole Headset, US type	4Pole Headset, US type
	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: 13.5 hr Video playback: 20 hr	80 Wh Li-Ion MobileMark 2018: 13.5 hr Video playback: 20 hr
AC Adapter		65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)	65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)
Buttons		Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.	378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.
Shipping Dimensions		499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.	499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.
Weight		1.350 kg 2.98 lbs.	1.350 kg 2.98 lbs.
Shipping Weight		2.5 kg 5.6 lbs.	2.5 kg 5.6 lbs.
Color		Obsidian Black	Obsidian Black
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison 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® Unison 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
Warranty		3 Year Limited	3 Year Limited

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# 17Z90R Series Specifications

## 17Z90R-N.APB8U1

## 17Z90R-N.APC6U1

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
Operation System		Windows 11 Pro	Windows 11 Pro
Intel vPro®		NO	NO
System Memory		32GB LPDDR5 (Dual Channel, 6000MHz)	16GB LPDDR5 (Dual Channel, 6000MHz)
Storage	SSD	M.2(2280) Dual SSD slots, Gen4 - NVMe: 512GB, Gen4	M.2(2280) Dual SSD slots, Gen4 - NVMe: 512GB, Gen4
Display	Diagonal	17 In. 43.18 cm	17 In. 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	60 Hz	60 Hz
	Brightness	350 nits	350 nits
	Color gamut	DCI-P3 99% (Typical, min 95%)	DCI-P3 99% (Typical, min 95%)
Graphics		Intel Iris Xe Graphic	Intel Iris Xe Graphic
Wireless		Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)	Intel® Wireless-AX211 (802.11ax, 2x2, Dual Band, BT Combo)
Bluetooth		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
Speakers		Stereo Speaker 2.0W x 2	Stereo Speaker 2.0W x 2
Security		SSD Security, FTPM/HW TPM, Slim Kensington lock	SSD Security, FTPM/HW TPM, Slim Kensington lock
Input Devices	Keyboard	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad	Full Size 100-Key Backlit Keyboard with 3 Column Numeric Keypad
	Pointing Device	Precision Touch Pad w/ Scroll and Gesture Function (size: 131.5 x 82.6mm)	Precision Touch Pad w/ Scroll and Gesture Function (size: 131.5 x 82.6mm)
Memory Card		Micro SD	Micro SD
Connectivity	Headphone Out	4Pole Headset, US type	4Pole Headset, US type
	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: 13.5 hr Video playback: 20 hr	80 Wh Li-Ion MobileMark 2018: 13.5 hr Video playback: 20 hr
AC Adapter		65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)	65W (New, Small size) 2pole with external C to C 2m/5A cable, White/Black (Wall-mount 'I' type, for US/CA/JP/TW)
Buttons		Power button without Fingerprint	Power button without Fingerprint
LED Indicators		Power, Charging, Caps Lock, webcam	Power, Charging, Caps Lock, webcam
Dimensions		378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.	378.8 x 258.8 x 17.8 mm 14.91 x 10.19 x 0.70 in.
Shipping Dimensions		499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.	499 x 307 x 60 mm 19.7 x 12.1 x 2.4 in.
Weight		1.350 kg 2.98 lbs.	1.350 kg 2.98 lbs.
Shipping Weight		2.5 kg 5.6 lbs.	2.5 kg 5.6 lbs.
Color		Obsidian Black	Charcoal gray
Preinstalled Software		LG On Screen Display 3 Microsoft 365 (30 Days Trial) Dolby Atmos Intel® Unison 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® Unison 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
Warranty		3 Year Limited	3 Year Limited

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