

16T90TP-K.ADB7U1

LG gram Pro 2in1 16", Thin and Lightweight Laptop, Windows 11 Home, Intel Evo Edition - Intel® Core™ Ultra7, 32GB RAM, 2TB SSD, Obsidian Black

16" WQXGA+ (2880x1800) OLED Touch Display

Windows 11 Home

Intel® Evo™ Edition powered by Intel® Core™ Ultra7 (Series 2) 255H Processor

Intel® Arc™ graphics

32GB LPDDR5X (Dual Channel, 8400MHz) RAM

2TB (1TBx2) M.2 Dual SSD slots, Gen4 NVMe SSD

FHD IR Webcam with Dual Mic (Face recognition)

77 Wh Li-Ion Battery

MIL-STD 810H Passed



GENERAL INFORMATION

Model	16T90TP-K.ADB7U1
Product Category	gram Pro 2in1
Color	Obsidian Black

DISPLAY

Size (Inch)	16inch
Resolution	WQXGA+ (2880x1800)
Ratio	16:10
Panel Type	OLED Pen Touch
Pol	Glare
Refresh Rate	48~120Hz VRR
Brightness	400nit
Color Gamut	DCI-P3 100% (Typical)

SYSTEM

Processor	Intel® Core™ Ultra7 (Series 2) 255H (16 Cores: 6P + 8E + 2 LPE, P: 2 up to 5.1 GHz / E: 1.5 up to 4.4 GHz, Intel Smart Cache 24 MB)
Operation System	Windows 11 Home
Graphics Card	Intel® Arc™ graphics

STORAGE

Memory	32GB LPDDR5X (Dual Channel, 8400MHz)
SSD	2TB (1TBx2) M.2 Dual SSD slots, Gen4 NVMe

CONNECTIVITY

Wireless	Intel WiFi-7
Bluetooth	BT 5.4
Webcam	FHD IR Webcam with Dual Mic (Face recognition)
Audio	HD Audio with Dolby Atmos
Speaker	Stereo Speaker, Smart AMP
Security	SSD Security

INPUT DEVICE

Keyboard	Full Size Backlit Keyboard (US: 97 Keys w/ 3 Column Numeric Keypad)
Pointing Device	Precision Touch Pad w/ Scroll and Gesture Function

PORTS/CONNECTION

HP-Out	4Pole Headset, US type
USB Type A	USB 3.2 Gen1 (x2)
USB Type C	USB 4 Gen3x2 Type C (x2, with Power Delivery, Display Port, Thunderbolt 4)
HDMI	HDMI 2.1 (4K@60Hz)
Battery	77 Wh Li-Ion Video playback: up to 19 hours
AC Adapter	65W (2pole) with external C-to-C
Thermal	Mega dual cooling system
LED	Power, Caps Lock, Charging (White single color), IR LED, Webcam LED, MIC LED

DIMENSIONS / WEIGHT

Dimension (W x D x H)	14.1 x 10.0 x 0.49 ~ 0.51 inch
Shipping Dimension (W x D x H)	18.8 x 11.7 x 2.4 inch
Weight (lb)	3.08lbs
Shipping Weight (lb)	4.85lbs

PRE-INSTALLED SW

Microsoft 365 (30 Days Trial)	Yes
LG gram Link	Yes
gram AI	Yes
LG Update & Renew	Yes
Dolby Atmos	Yes

WARRANTY / UPC

Limited Warranty	1 year parts and labor
UPC	195174110201
Country of origin	China