

# Specification

Spec	W7600Z3A-OLED-L961X 90NB0XH1-M003K0
Color	2B, Mineral Black
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Processor	Intel® Core™ i9-12900H Processor 2.5 GHz (24M Cache, up to 5.0 GHz, 6P+8E cores)
Graphics	NVIDIA® RTX™ A3000 12GB Laptop GPU 12GB GDDR6 Intel® Iris Xe Graphics *Intel Iris X <sup>e</sup> Graphics is only available in models with Intel® Core™ i5/i7/i9 processors and dual-channel memory.
Display	16.0-inch, 4K (3840 x 2400) OLED 16:10 aspect ratio, 0.2ms response time, 60Hz refresh rate, 600nits HDR peak brightness, 100% DCI-P3 color gamut, 1,000,000:1, VESA CERTIFIED Display HDR True Black 600, 1.07 billion colors, PANTONE Validated, Glossy display, 70% less harmful blue light, SGS Eye Care Display, Non-touch screen, (Screen-to-body ratio)85%
Memory	32GB DDR5 SO-DIMM *2 Max Total system memory up to:64GB
Storage	1TB + 1TB M.2 NVMe™ PCIe® 4.0 Performance SSD
Expansion Slots (includes used)	2x DDR5 SO-DIMM slots 2x M.2 2280 PCIe 4.0x4 2x USB 3.2 Gen 2 Type-A 2x Thunderbolt™ 4 supports display / power delivery
I/O Ports	1x HDMI 2.1 FRL 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet 1x DC-in SD Express 7.0 card reader
Keyboard & Touchpad	Backlit Chiclet Keyboard with Num-key, 1.4mm Key-travel, Precision touchpad
Camera	HD camera with IR function to support Windows Hello, With privacy shutter Smart Amp Technology
Audio	Built-in speaker Built-in array microphone harman/kardon (Premium), with Cortana voice-recognition support
Network and Communication	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card (*Bluetooth® version may change with OS version different.)
Battery	90WHrs, 4S1P, 4-cell Li-ion
Power Supply	ø6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Weight	2.40 kg (5.29 lbs)
Dimensions (W x D x H)	36.20 x 26.40 x 1.99 ~ 2.14 cm (14.25" x 10.39" x 0.78" ~ 0.84")
Built-in Apps	MyASUS ProArt Creator Hub ScreenXpert GlideX System diagnosis Battery health charging Splendid Tru2Life
MyASUS Features	Function key lock WiFi SmartConnect Link to MyASUS TaskFirst Live update ASUS OLED Care AI Noise Canceling
Microsoft Office	1-month trial for new Microsoft 365 customers. Credit card required.
Military Grade	US MIL-STD 810H military-grade standard

Ecolabels & Compliances	Energy star 8.0 RoHS REACH
Security	HDD User Password Protection and Security BIOS Booting User Password Protection Trusted Platform Module (TPM) 2.0 BIOS setup user password Security Lock McAfee® Fingerprint sensor integrated with Power Key IR webcam with Windows Hello support
Disclaimer	This product has only been tested for compatibility with the Windows 11 operating system, and may encounter compatibility issues if Windows 10 or older OS versions are installed.
OLED	OLED
SKU Image	2B_2x USB 3.2 Gen 2 Type-A 2x Thunderbolt™ 4 supports display / power delivery SD Express 7.0 card reader Mineral Black_Precision touchpad