

H7600ZW-OLED-L751X - Model Specification

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FULL DETAIL

Part No	90NB0XJ1-M00190
Model Name	H7600ZW-OLED-L751X
EAN Code	4711081793113
UPC Code	195553793117
Operating System	Windows 11 Pro - ASUS recommends Windows 11 Pro for business
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Aluminum + MgAl
LCD cover-color	Mineral Black
Top case-material	Mg-Al
Top case-color	Mineral Black
Bottom case-material	Aluminum
Bottom case-color	Mineral Black
Military grade	US MIL-STD 810H military-grade standard
Panel Size	16.0-inch
Resolution	4K (3840 x 2400) OLED 16:10 aspect ratio
Response time	0.2ms response time
Peak Brightness	550nits peak brightness
Color gamut	100% DCI-P3 color gamut
Contrast ratio	1,000,000:1
VESA CERTIFIED Display HDR	VESA CERTIFIED Display HDR True Black 500
Color depth	1.07 billion colors
Pantone	PANTONE Validated
Glare	Glossy display
Low blue light	70% less harmful blue light
SGS Eye Care Display	SGS Eye Care Display
Screen-to-body ratio	85
Processor	Intel Core i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 6P+8E cores)
Discrete/Share	Discrete
Intergrated GPU	Intel Iris Xe Graphics
Graphics	NVIDIA GeForce RTX 3070 Ti Laptop GPU
VRAM	8GB GDDR6
Expansion Slot(includes used)	2x DDR5 SO-DIMM slots 2x M.2 2280 PCIe 4.0x4
Total System Memory	16GB DDR5 SO-DIMM *2
DIMM Memory	16GB DDR5 SO-DIMM *2
Storage	1TB + 1TB M.2 NVMe PCIe 4.0 Performance RAID0 SSD
Front-facing camera	HD camera with IR function to support Windows Hello//With privacy shutter
on board Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth 5.2
FingerPrint	FingerPrint
I/O ports	2x USB 3.2 Gen 2 Type-A 2x Thunderbolt 4 supports display / power delivery//1x HDMI 2.1 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet

	1x DC-in//SD Express 7.0 card reader
Audio	Smart Amp Technology Built-in speaker Built-in array microphone//harman/kardon (Premium)
Voice control	with Cortana and Alexa voice-recognition support
AC Adapter	6.0, 240W AC Adapter, Output: 20V DC, 12A, 240W, Input: 100~240V AC 50/60Hz universal
Battery	90WHrs, 4S1P, 4-cell Li-ion
Replaceable Battery	No
Keyboard type	Backlit Chiclet Keyboard with Num-key
Dimension (WxHxD)	36.20 x 26.40 x 1.99 ~ 2.14 cm
Weight (with Battery)	2.40 kg
Weight (without Battery)	2.05 kg
Security	BIOS Booting User Password Protection BIOS setup user password HDD User Password Protection and Security Trusted Platform Module (TPM) 2.0 Fingerprint sensor integrated with Power Key IR webcam with Windows Hello support McAfee LiveSafe 30-day trial Security Lock
MyASUS feature	System diagnosis Battery health charging _x000D_ Splendid Function key lock WiFi SmartConnect Link to MyASUS Live update ASUS OLED Care AI Noise Canceling
Built-in Apps	MyASUS ProArt Creator Hub
Adobe Creative Cloud Hard Bundle	Three-Month Membership of Adobe Creative Cloud All Apps, Individual._x000D_ The redemption duration from September 15, 2021 to November 15, 2022.