

Part No	**90NB0W32-M001B0**
Model Name	**UP6502ZD-M8009X**
EAN Code	**4711081713104**
UPC Code	**195553713108**
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**
LCD cover-color	**Tech Black**
Top case-material	**Aluminum**
Top case-color	**Tech Black**
Bottom case-material	**Aluminum**
Bottom case-color	**Tech Black**
Military grade	**US MIL-STD 810H military-grade standard**
Touch Panel	**Touch screen**
Panel Size	**15.6-inch**
Resolution	**2.8K (2880 x 1620) OLED 16:9 aspect ratio**
Response time	**0.2ms response time**
Refresh rate	**120Hz refresh rate**
Peak Brightness	**550nits HDR 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	**90 %**
Intel Athena Program	**Intel® Evo™ Platform**
Processor	**Intel® Core™ i7-12700H Processor 2.3 GHz (24M Cache, up to 4.7 GHz, 6P+8E cores)**
Chipset	**N/A**
Discrete/Share	**Discrete**
Intergrated GPU	**Intel® Iris Xe Graphics**
Graphics	**Intel® Arc™ A370M Graphics**
VRAM	**4GB GDDR6**
Expansion Slot(includes used)	**N/A**
Total System Memory	**16GB LPDDR5 on board**

On board memory	**16GB LPDDR5 on board**
Storage	**1TB M.2 NVMe™ PCIe® 3.0 SSD**
Front-facing camera	**HD camera with IR function to support Windows Hello**
on board Wireless	**Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth 5**
ScreenPad™	**N/A**
FingerPrint	**N/A**
I/O ports	**1x HDMI 2.1 TMDS** **1x 3.5mm Combo Audio Jack** **1x DC-in** **1x USB 3.2 Gen 2 Type-A** **2x Thunderbolt™ 4 supports display / power delivery** **Micro SD 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	**ø4.5, 150W AC Adapter, Output: 20V DC, 7.5A, 150W, Input: 100~240V AC, 50/60Hz universal**
Battery	**96WHrs, 3S2P, 6-cell Li-ion**
Replaceable Battery	**No**
Keyboard type	**Backlit Chiclet Keyboard with Num-key**
Dimension (WxHxD)	**35.52 x 22.90 x 1.89 ~ 1.89 cm**
Weight (with Battery)	**1.80 kg**
Weight (without Battery)	**1.50 kg**
Security	**IR webcam with Windows Hello support** **Trusted Platform Module (TPM)**
MyASUS feature	**System diagnosis** **Battery health charging** **Fan Profile** **Splendid** **Tru2Life** **Function key lock** **WiFi SmartConnect** **Link to MyASUS** **TaskFirst** **Live update** **ASUS OLED Care**
Built-in Apps	**MyASUS** **ProArt Creator Hub**
Adobe Creative Cloud Hard Bundle	**Three-Month Membership of Adobe Creative Cloud All Apps, Individual.** **The redemption duration from September 15, 2021 to November 15, 2022.**
Included in the Box	**Stylus (ASUS Pen 2.0 SA203H-MPP2.0 support)**
Reparability Index (for France)	**7.1**