| | |
|---|---|
| Part No | 90NX0731-M004J0 |
| Sales Model Name | B3604CMA-Q90121X |
| EAN Code | 4711387572269 |
| UPC Code | 197105572263 |
| WEEE | 1.465 |
| BASE UNIT | VSNX0731-BUA114 |
| | |
| Operating System | Windows 11 Pro |
| Office | 1-month trial for new Microsoft 365 customers. Credit card required. |
| LCD cover-material | Aluminum |
| LCD cover-color | Star Black |
| Top case-material | Plastic |
| Top case-color | Star Black |
| Bottom case-material | Plastic |
| Bottom case-color | Black |
| Military grade | US MIL-STD 810H military-grade standard |
| Panel Size | 16.0-inch |
| Backlit | LED Backlit |
| Brightness | 300nits |
| Resolution | WUXGA (1920 x 1200) 16:10 |
| Glare | Anti-glare display |
| Color gamut | NTSC: 45% |
| View angle(H/V) | 178/178 |
| Response time(Typ/Max) (ms) | 11/9 |
| Refresh rate | 60Hz |
| Contrast (Typ) | 1000:1 |
| Touch Panel | Non-touch screen |
| Screen-to-body ratio | 85 % |
| IPS-level | Wide view |
| Processor | Intel® Core™ Ultra 7 Processor 155U 1.7 GHz (12MB Cache, up to 4.8 GHz, 12 Cores); Intel® AI Boost NPU |
| Neural processor | Intel® AI Boost NPU |
| Chipset | N/A |
| Discrete/Share | Share |
| Integrated GPU | Intel® Graphics |
| VRAM | N/A |
| How to upgrade memory | Upgradable; Need to remove bottom/top case |

| | |
|---|---|
| Expansion Slot(includes used) | **2x DDR5 SO-DIMM slots** |
| | **1x M.2 2230 PCIe 4.0x4** |
| | **1x M.2 2280 PCIe 4.0x4** |
| DIMM Memory | **16GB DDR5 SO-DIMM** |
| Total System Memory | **DDR5 16GB** |
| Storage | **512GB M.2 2280 NVMe™ PCIe® 4.0 SSD** |
| | **SSD Housing for storage expansion** |
| Front-facing camera | **720p HD camera** |
| | **With privacy shutter** |
| Wireless | **Wi-Fi 6E(802.11ax) (Dual band) 2*2 + Bluetooth® 5.3 Wireless Card** |
| NumberPad | **N/A** |
| FingerPrint | **FingerPrint** |
| Keyboard type | **Backlit Chiclet Keyboard** |
| I/O ports | **2x USB 3.2 Gen 2 Type-A** |
| | **2x Thunderbolt™ 4, compliant with USB4, supports display / power delivery** |
| | **1x HDMI 2.1 TMDS** |
| | **1x 3.5mm Combo Audio Jack** |
| | **1x RJ45 Gigabit Ethernet** |
| Audio | **Audio by Dirac** |
| | **Built-in speaker** |
| | **Built-in array microphone** |
| Battery | **50WHrs, 3S1P, 3-cell Li-ion** |
| AC Adapter | **TYPE-C, 65W AC Adapter, Output: 20V DC, 3.25A, 65W, Input: 100~240V AC 50/60Hz universal** |
| Required charging power | **Min: 55W** |
| | **Max: 65W** |
| | **\*The indicated wattage is for demonstrating the system's support capability as required by EU regulations.** |
| | **For optimal system performance, please use the standard-wattage adapter or higher.** |
| Dimension (WxHxD) | **35.80 x 25.43 x 2.03 ~ 2.03 cm (14.09" x 10.01" x 0.80" ~ 0.80")** |
| Weight (with Battery) | **1.90 kg (4.19 lbs)** |
| Weight (w/o Battery) | **1.71 kg (3.77 lbs)** |
| Security | **Fingerprint sensor integrated with Power Key** |
| | **Kensington Nano Security Slot™(6x 2.5mm)** |
| | **BIOS Booting User Password Protection** |
| | **BIOS setup user password** |
| | **HDD User Password Protection and Security** |
| | **Support Absolute Persistence 2.0 (Computrace)** |
| | **Trusted Platform Module (TPM) 2.0** |
| | **N/A** |
| Antivirus | **N/A** |
| MyASUS feature | **System diagnosis** |
| | **Battery health charging** |
| | **Fan Profile** |
| | **Splendid** |
| | **Tru2Life** |
| | **Function key lock** |
| | **WiFi SmartConnect** |
| | **AppDeals** |
| | **Link to MyASUS** |
| Built-in Apps | **MyASUS** |
| Disclaimer for Built-in Apps | **Built-in Apps vary from OS SKU.** |
| | **\*MyASUS/McAfee don't support in Pure OS/without OS/G sku/Win SE/Windows on ARM/Linux OS (ex. Endless, Kylin, Ubuntu)** |
| Reparability Index (for France) | **9.5** |
| Ecolabels & Compliances | **EPEAT Gold** |
| | **Energy star 8.0** |
| | **FSC Mix** |
| | **REACH** |
| | **RoHS** |
| | **TCO Certified** |
| Base Warranty | **2Y Pick up/ return** |

| | |
|---|---|
| **Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty** | *If you would like to know the details, please contact your sales teams.* |
| **Battery warranty** | Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option. |
| **Sustainable Material_Top cover(A part)** | 50% PIR recycled aluminum |
| **Sustainable Material_Keyboard frame (C part)** | 30% PCR recycled plastic(cover or inner frame) |
| **Sustainable Material_Bottom cover (D part)** | 35% PCR recycled plastic(cover or inner frame) |
| **Sustainable Material_Keyboard** | 50% PCR recycled plastic cap |
| **Sustainable Material_Speaker** | 45% PCR + 5% OBP PCR recycled plastic enclosure |
| **Sustainable Material_Total PCR recycled plastic** | 30.8% |