| Part No | 90NX08R1-M005K0 |
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| Sales Model Name | BR12CT-C81XA |
| EAN Code | 4711636520409 |
| UPC Code | 199291520400 |
| WEEE | 0.878 |
| BASE UNIT | VSNX08R1-BU1100 |
| Operating System | Windows 11 Pro Education |
| Office | 1-month trial for new Microsoft 365 customers. Credit card required. |
| LCD cover-material | Plastic |
| LCD cover-color | Mineral Grey |
| Top case-material | Plastic |
| Top case-color | Mineral Grey |
| Bottom case-material | Plastic |
| Bottom case-color | Mineral Grey |
| Military grade | US MIL-STD 810H military-grade standard |
| Panel Size | 12.2-inch |
| Backlit | LED Backlit |
| Brightness | 300nits |
| Resolution | WUXGA (1920 x 1200) 16:10 |
| Glare | Anti-glare display |
| Color gamut | NTSC: 50% |
| View angle(H/V) | 178/178 |
| Response time(Typ/Max) (ms) | 20/25 |
| Refresh rate | 60Hz |
| Contrast (Typ) | 1000:1 |
| Touch Panel | Non-touch screen |
| Screen-to-body ratio | 76 % |
| IPS-level | Wide view |
| Processor | Intel® Processor N150 0.8 GHz (6MB Cache, up to 3.6 GHz, 4 cores, 4 Threads) |
| Neural processor | |
| Chipset | N/A |
| Discrete/Share | Share |
| Integrated GPU | Intel® UHD Graphics |
| VRAM | N/A |
| How to upgrade memory | Not Available |

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| **Expansion Slot(includes used)** | 1x M.2 2280 PCIe 3.0x4 |
| **On board memory** | 8GB LPDDR5 on board |
| **DIMM Memory** | |
| **Total System Memory** | LPDDR5 8GB |
| **Storage** | 128G UFS |
| **Front-facing camera** | 720p HD camera<br>With privacy shutter |
| **Rear-facing camera** | |
| **World-facing camera** | |
| **Wireless** | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.2 Wireless Card |
| **NumberPad** | N/A |
| **FingerPrint** | |
| **Keyboard type** | Chiclet Keyboard |
| **Keyboard language** | English (UK) |
| **I/O ports** | 1x USB 3.2 Gen 2 Type-C support display / power delivery<br>1x USB 2.0 Type-C support power delivery<br>2x USB 3.2 Gen 1 Type-A<br>1x HDMI 1.4<br>1x 3.5mm Combo Audio Jack<br>1x RJ45 Gigabit Ethernet |
| **Audio** | Audio by Dirac<br>Built-in speaker<br>Built-in array microphone |
| **Battery** | 50WHrs, 3S1P, 3-cell Li-ion |
| **AC Adapter** | TYPE C<br>45W AC Adapter<br>Output: 20V DC, 2.25A, 45W , Input: 100~240V AC<br>50/60Hz universal (Adapter+power cord) |
| **Required charging power** | Min: 35W<br>Max: 45W<br>*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)** | 29.69 x 21.30 x 2.11 ~ 2.12 cm (11.69" x 8.39" x 0.83" ~ 0.83") |
| **Starting Weight (with Battery)** | 1.26 kg (2.78 lbs) |

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| **Starting Weight (w/o Battery)** | 1.07 kg (2.36 lbs) |
| **Security** | Kensington Security Slot™(7x 3mm)<br>BIOS Booting User Password Protection<br>BIOS setup user password<br>Support Absolute Persistence 2.0 (Computrace)<br>Trusted Platform Module (TPM) 2.0<br>N/A |
| **Antivirus** | N/A |
| **MyASUS feature** | System diagnosis<br>Battery health charging<br>Splendid<br>Tru2Life<br>Function key lock<br>WiFi SmartConnect<br>AppDeals<br>Link to MyASUS |
| **MyExpert Features** | N/A |
| **Built-in Apps** | AI ExpertMeet (watermark only)<br>MyASUS |
| **Disclaimer for Built-in Apps** | |
| **Included in the Box** | |
| **Reparability Index (for France)** | 08.5 |
| **Reparability Index (for Belgium)** | 08.4 |
| **Ecolabels & Compliances** | EPEAT Gold<br>Energy star 8.0<br>FSC Mix<br>REACH<br>RoHS<br>TCO Certified |
| **Base Warranty** | 1Y Pick up/ return<br>ZENCARE |
| **Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty** | ACX10-003844NX//2Y International Extension<br>ACX10-003860NX//4Y International Extension<br>*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. |

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| **Sustainable Material_Top cover(A part)** | 30% PCR recycled plastic(cover or inner frame) |
| **Sustainable Material_Keyboard frame (C part)** | 30% PCR recycled plastic(cover or inner frame) |
| **Sustainable Material_Bottom cover (D part)** | 30% PCR recycled plastic(cover or inner frame) |
| **Sustainable Material_Battery** | |
| **Sustainable Material_Keyboard** | |
| **Sustainable Material_Speaker** | 45% PCR + 5% OBP PCR recycled plastic enclosure |
| **Sustainable Material_Total PCR recycled plastic** | 26.1% |