



ASUS BR12F-CS81XA-3Y Hybrid (2-in-1) 31 cm (12.2") Touchscreen WUXGA Intel® N N100 8 GB LPDDR5-SDRAM 128 GB Flash Wi-Fi 6 (802.11ax) Windows 11 Pro Education Grey

Brand : ASUS

Product code: 90NX07E1-M001J0

Product name : BR12F-CS81XA-3Y



Intel N N100 (6MB Cache), 8GB LPDDR5-SDRAM, 128GB Flash, 31.0 cm (12.2") WUXGA 1920 x 1200 Touch, Intel UHD Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit

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ASUS BR1204F stands out as an excellent tool for limitless learning in K-12 education, boasting a durable fingerprint-resistant finish and robust modular design that incorporates replaceable internal components, thereby extending its product lifespan. Smartly crafted to withstand accidental drops, ASUS BR1204F undergoes rigorous testing, meeting US military-grade standards¹ and exacting in-house ASUS assessments to ensure unwavering durability. In addition, to keep young students hygienic, the keyboard, touchpad and palm rest of ASUS BR1204F are all protected with ASUS Antimicrobial Guard technology² - making it the perfect choice for modern education.



| Design | | Network | |
|---------------------------|-----------------------|---|--------------------|
| Colour name | Mineral Grey | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Product type * | Hybrid (2-in-1) | Mobile network connection * | ✗ |
| Product colour * | Grey | Antenna type | 2x2 |
| Form factor * | Convertible (Folder) | Ethernet LAN | ✓ |
| Housing material | Plastic | Bluetooth | ✓ |
| Display | | Bluetooth version | 5.2 |
| Display diagonal * | 31 cm (12.2") | Ports & interfaces | |
| Display resolution * | 1920 x 1200 pixels | USB 2.0 ports quantity * | 1 |
| Touchscreen * | ✓ | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| HD type | WUXGA | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| LED backlight | ✓ | Ethernet LAN (RJ-45) ports | 1 |
| Native aspect ratio | 16:10 | HDMI ports quantity * | 1 |
| Display surface | Gloss | HDMI version | 1.4 |
| Display glass type | Gorilla Glass | Combo headphone/mic port | ✓ |
| Display brightness | 300 cd/m ² | Charging port type | USB Type-C |
| RGB colour space | NTSC | USB Type-C DisplayPort Alternate Mode | ✓ |
| Colour gamut | 50% | USB Power Delivery | ✓ |
| Maximum refresh rate | 60 Hz | Performance | |
| Contrast ratio (typical) | 1000:1 | Repairability index | 7 |
| Processor | | Keyboard | |
| Processor manufacturer * | Intel | Pointing device | Touchpad |
| Processor family * | Intel® N | Numeric keypad * | ✗ |
| Processor model * | N100 | Software | |
| Processor boost frequency | 3.8 GHz | Operating system architecture | 64-bit |
| Processor cores | 4 | | |
| Processor cache | 6 MB | | |
| Processor cache type | Smart Cache | | |

| | | | |
|----------------------------------|---------------------|---------------------------------------|--|
| Memory | | Software | |
| Internal memory * | 8 GB | Trial software | 1-month trial for new Microsoft 365 customers. Credit card required. |
| Internal memory type | LPDDR5-SDRAM | Operating system installed * | Windows 11 Pro Education |
| Memory form factor | On-board | Battery | |
| Maximum internal memory * | 8 GB | Battery technology | Lithium-Ion (Li-Ion) |
| Storage | | Number of battery cells | 3 |
| Total storage capacity * | 128 GB | Battery capacity * | 50 Wh |
| Storage media * | Flash | Power | |
| Optical drive type * | ✗ | AC adapter power | 45 W |
| Graphics | | AC adapter frequency | 50 - 60 Hz |
| Discrete graphics card model * | Not available | AC adapter input voltage | 100 - 240 V |
| On-board graphics card * | ✓ | AC adapter output current | 2.25 A |
| Discrete graphics card * | ✗ | AC adapter output voltage | 20 V |
| On-board graphics card family | Intel® UHD Graphics | Security | |
| On-board graphics card model * | Intel® UHD Graphics | Cable lock slot | ✓ |
| Audio | | Cable lock slot type | Kensington |
| Audio system | Dirac | Trusted Platform Module (TPM) | ✓ |
| Built-in microphone | ✓ | Trusted Platform Module (TPM) version | 2.0 |
| Camera | | Password protection | ✓ |
| Front camera | ✓ | Password protection type | BIOS, User |
| Front camera HD type | HD | Weight & dimensions | |
| Privacy camera | ✓ | Width | 296.9 mm |
| Privacy type | Privacy shutter | Depth | 213 mm |
| Rear camera | ✓ | Height (front) | 2.11 cm |
| Rear camera resolution (numeric) | 13 MP | Height (rear) | 2.12 cm |
| Network | | Weight * | 1.47 kg |
| Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) | Packaging content | |
| | | Stylus pen | ✓ |



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