ASUS

ASUS BR12F-CS81XA-3Y Intel® N N100 Hybrid (2-in-1) 31 cm (12.2") Touchscreen WUXGA 8 GB LPDDR5-SDRAM 128 GB Flash Wi-Fi 6E (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
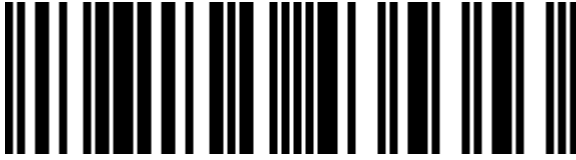
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ASUS BR1204F stands out as an excellent tool for limitless learning in K-12 education, boasting a durable fingerprint- resistant finish and robust modular design that incorporates replaceable internal components, thereby extending its product lifespan. 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	
Colour name	Mineral Grey
Product type *	Hybrid (2-in-1)
Product colour *	Grey
Form factor *	Convertible (Folder)
Housing material	Plastic

Display	
Display diagonal *	31 cm (12.2")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✓
HD type	WUXGA
LED backlight	✓
Native aspect ratio	16:10
Display surface	Gloss
Display glass type	Gorilla Glass
Display brightness	300 cd/m²
RGB colour space	NTSC
Colour gamut	50%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® N
Processor model *	N100
Processor cores	4
Processor boost frequency	3.8 GHz
Processor cache	6 MB
Processor cache type	Smart Cache

Network	
Ethernet LAN	✓
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✓
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Performance	
Repairability index	8.3

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗

Software	
Operating system architecture	64-bit
Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Operating system installed *	Windows 11 Pro Education

Memory

Internal memory *	8 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	On-board
Maximum internal memory *	8 GB

Storage

Total storage capacity *	128 GB
Storage media *	Flash
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	Dirac
Built-in microphone	✔

Camera

Front camera	✔
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter
Rear camera	✔
Rear camera resolution (numeric)	13 MP

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✘
Antenna type	2x2

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	50 Wh

Power

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	2.25 A
AC adapter output voltage	20 V

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Password protection	✔
Password protection type	BIOS, User

Certificates

Compliance certificates	REACH, RoHS

Sustainability

Sustainability compliance	✔
Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO

Weight & dimensions

Width	296.9 mm
Depth	213 mm
Height (front)	2.11 cm
Height (rear)	2.12 cm
Weight *	1.47 kg

Packaging content

Stylus pen	✔

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