

## 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

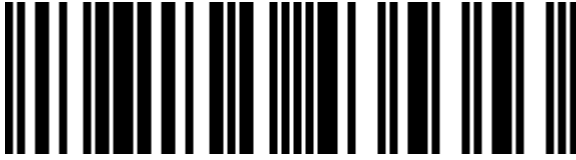
ASUS BR12F-CS81XA-3Y Intel® N N100 Hybrid (2-in-1) 31 cm (12.2") Touchscreen WUXGA 8 GB LPDDR5-SDRAM 128 GB Flash Wi-Fi 6E (802.11ax) Windows 11 Pro Education Grey:

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 standards<sup>1</sup> 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 technology<sup>2</sup> - making it the perfect choice for modern education.



Design		Network	
Colour name	Mineral Grey	Ethernet LAN	✓
Product type *	Hybrid (2-in-1)	Bluetooth	✓
Product colour *	Grey	Bluetooth version	5.3
Form factor *	Convertible (Folder)	<b>Ports &amp; interfaces</b>	
Housing material	Plastic	USB 2.0 ports quantity *	1
<b>Display</b>		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal *	31 cm (12.2")	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display resolution *	1920 x 1200 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✓	HDMI ports quantity *	1
HD type	WUXGA	HDMI version	1.4
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	Charging port type	USB Type-C
Display surface	Gloss	USB Type-C DisplayPort Alternate Mode	✓
Display glass type	Gorilla Glass	USB Power Delivery	✓
Display brightness	300 cd/m <sup>2</sup>	<b>Performance</b>	
RGB colour space	NTSC	Repairability index	8.3
Colour gamut	50%	<b>Keyboard</b>	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000:1	Numeric keypad *	✗
<b>Processor</b>		<b>Software</b>	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® N	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor model *	N100	Operating system installed *	Windows 11 Pro Education
Processor cores	4		
Processor boost frequency	3.8 GHz		
Processor cache	6 MB		
Processor cache type	Smart Cache		

<b>Memory</b>		<b>Battery</b>	
Internal memory *	8 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5-SDRAM	Number of battery cells	3
Memory form factor	On-board	Battery capacity *	50 Wh
Maximum internal memory *	8 GB	<b>Power</b>	
<b>Storage</b>		AC adapter power	45 W
Total storage capacity *	128 GB	AC adapter frequency	50 - 60 Hz
Storage media *	Flash	AC adapter input voltage	100 - 240 V
Optical drive type *	✗	AC adapter output current	2.25 A
<b>Graphics</b>		AC adapter output voltage	20 V
Discrete graphics card model *	Not available	<b>Security</b>	
On-board graphics card *	✓	Cable lock slot	✓
Discrete graphics card *	✗	Cable lock slot type	Kensington
On-board graphics card family	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel® UHD Graphics	Trusted Platform Module (TPM) version	2.0
<b>Audio</b>		Password protection	✓
Audio system	Dirac	Password protection type	BIOS, User
Built-in microphone	✓	<b>Certificates</b>	
<b>Camera</b>		Compliance certificates	REACH, RoHS
Front camera	✓	<b>Sustainability</b>	
Front camera HD type	HD	Sustainability compliance	✓
Privacy camera	✓	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO
Privacy type	Privacy shutter	<b>Weight &amp; dimensions</b>	
Rear camera	✓	Width	296.9 mm
Rear camera resolution (numeric)	13 MP	Depth	213 mm
<b>Network</b>		Height (front)	2.11 cm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Height (rear)	2.12 cm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Weight *	1.47 kg
Mobile network connection *	✗	<b>Packaging content</b>	
Antenna type	2x2	Stylus pen	✓



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