

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		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)	Ports & interfaces	
Housing material	Plastic	USB 2.0 ports quantity *	1
Display		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	Performance	
Display brightness	300 cd/m ²	Repairability index	8.3
RGB colour space	NTSC	Keyboard	
Colour gamut	50%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✗
Contrast ratio (typical)	1000:1	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Trial software	1-month trial for new Microsoft 365 customers. Credit card required.
Processor family *	Intel® N	Operating system installed *	Windows 11 Pro Education
Processor model *	N100		
Processor cores	4		
Processor boost frequency	3.8 GHz		
Processor cache	6 MB		
Processor cache type	Smart Cache		

Memory		Battery	
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	Power	
Storage		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
Graphics		AC adapter output voltage	20 V
Discrete graphics card model *	Not available	USB Power Delivery (USB PD) *	✓
On-board graphics card *	✓	Security	
Discrete graphics card *	✗	Cable lock slot	✓
On-board graphics card family	Intel® UHD Graphics	Cable lock slot type	Kensington
On-board graphics card model *	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
Audio		Trusted Platform Module (TPM) version	2.0
Audio system	Dirac	Password protection	✓
Built-in microphone	✓	Password protection type	BIOS, User
Camera		Certificates	
Front camera	✓	Compliance certificates	REACH, RoHS
Front camera HD type	HD	Sustainability	
Privacy camera	✓	Sustainability compliance	✓
Privacy type	Privacy shutter	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC) Mix, TCO
Rear camera	✓	Weight & dimensions	
Rear camera resolution (numeric)	13 MP	Width	296.9 mm
Network		Depth	213 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Height (front)	2.11 cm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Height (rear)	2.12 cm
Mobile network connection *	✗	Weight *	1.47 kg
Antenna type	2x2	Packaging content	
		Stylus pen	✓



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