ASUS BR12CT-C81XA-3Y Intel® N N150 Laptop 31 cm (12.2") WUXGA 8 GB LPDDR5-SDRAM 128 GB UFS Wi-Fi 6 (802.11ax) Windows 11 Pro Education Black, Grey

Brand : ASUS   **Product code:** 90NX08R1-M001M0

Product name : BR12CT-C81XA-3Y

- Windows 11 Pro Education 64-bit
- Intel N N150 (6MB Cache)
- 31.0 cm (12.2") WUXGA 1920 x 1200
- 8GB LPDDR5-SDRAM & 128GB UFS
Intel N N150 (6MB Cache), 8GB LPDDR5-SDRAM, 128GB UFS, 31.0 cm (12.2") WUXGA 1920 x 1200, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro Education 64-bit
ASUS BR12CT-C81XA-3Y. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® N, Processor model: N150. Display diagonal: 31 cm (12.2"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 8 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 128 GB, Storage media: UFS. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro Education. Product colour: Black, Grey. Weight: 1.35 kg

Design

Colour name	Mineral Grey
Product type *	Laptop
Product colour *	Black, Grey
Form factor *	Clamshell
Housing material	Plastic
Market positioning	Educational
Introduction year	2025

Display

Display diagonal *	31 cm (12.2")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
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 *	N150
Processor cores	4
Processor threads	4
Processor boost frequency	3.6 GHz
Processor cache	6 MB

Network

Mobile network connection *	✗
Antenna type	2x2
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 2.0 Type-C 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	✔
USB Type-C DisplayPort Alternate Mode	✔

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

Processor

Processor cache type	Smart Cache
Processor base power	6 W

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 *	UFS
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel Graphics
On-board graphics card model *	Intel Graphics

Audio

Audio system	Dirac
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Privacy camera	✔
Privacy type	Privacy shutter

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)

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
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔

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

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold, 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 *	1.35 kg

Packaging content

AC adapter included *	✔

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