

ASUS BR1104C | BR1104CTA

Ruggedized starter laptops for learning without limits

ASUS BR1104C are designed for K-12 students, featuring a compact design with ruggedized features built for shrugging off everyday wear and tear, a technician-friendly modular design for easy IT servicing, all-day battery life, expandable storage, and robust connectivity for uninterrupted learning anywhere.



US military grade reliability



ASUS ruggedized design



Comprehensive I/O ports



Expandable storage



ASUS AI noise-canceling



Modular design

Engineered for active young minds

- MIL-STD-810H US military grade durability
- ASUS ruggedized design with fingerprint-resistant finish, easy rubber grip, reinforced internal components, spill-resistant keyboard
- ASUS Antimicrobial Guard protection*
- Corning Gorilla Glass touchscreen*
- TÜV Rheinland-certified display

Anywhere learning without limits

- Windows 11 Education
- Comprehensive I/O ports including USB-C on both sides for easy charging and RJ45
- Up to WiFi 6E and 4G LTE* support
- 180° lay-flat device for different learning scenarios
- Two-way ASUS AI noise-canceling technology

Streamlined IT servicing

- Technician-friendly modular design
- Expandable storage up to 256GB UFS 3.1 plus 1TB¹ M.2 PCIe 4.0 SSD
- MyASUS, ASUS Control Center* and Image Maker

*OPTIONAL FEATURE, MAY VARY BY SPECIFICATION, REGIONS OR COUNTRIES.

¹BR1104 SERIES CURRENTLY ONLY OFFERS UP TO 512GB M.2 PCIe SSD STORAGE. 1TB SSD IS AVAILABLE AS A USER-UPGRADED CONFIGURATION.

Warranty and Support



3-year global warranty

100% free of charge, with no hidden costs.



Pick up & return service

Enjoy door-to-door service including pick up, repair, and return.



MyASUS

Contact customer service, view repair status, read product guides and more.

SPECIFICATIONS

Model	BR1104CTA / 90NX08T1-M00ACO
Operating System	Windows 11 Pro Education
Office	1-month trial for new Microsoft 365 customers. Credit card required.
LCD cover-material	Plastic
LCD cover-color	Mineral Grey
Top case-material	Plastic
Top case-color	Mineral Grey
Bottom case-material	Plastic
Bottom case-color	Mineral Grey
Military grade	US MIL-STD 810H military-grade standard
Panel Size	11.6-inch
Backlit	LED Backlit
Brightness	220nits
Resolution	HD (1366 x 768) 16:9
Glare	Anti-glare display
Color gamut	NTSC: 45%
View angle(H/V)	90/65
Response time(Typ/Max) (ms)	3/7
Refresh rate	60Hz
Contrast (Typ)	500:1
Touch Panel	Non-touch screen
Screen-to-body ratio	64 %
Processor	Intel® Processor N150 0.8 GHz (6MB Cache, up to 3.6 GHz, 4 cores, 4 Threads)
Chipset	N/A
Discrete/Share	Share
Integrated GPU	Intel® UHD Graphics

DISCLAIMER: SERVICE PACKAGE MAY DIFFER FROM COUNTRY TO COUNTRY. WE RECOMMEND YOU CHECK WITH YOUR LOCAL DEALERS FOR THE SPECIFICATIONS OF THE PRODUCTS AVAILABLE IN YOUR COUNTRY.

SPECIFICATIONS

VRAM	N/A
How to upgrade memory	Not Available
Expansion Slot(includes used)	1x M.2 2280 PCIe 3.0x4
On board memory	8GB LPDDR5 on board
Total System Memory	LPDDR5 8GB
Storage	128G UFS
Front-facing camera	1080p FHD camera With privacy shutter
Wireless	Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.4 Wireless Card
NumberPad	N/A
Keyboard type	Chiclet Keyboard
Keyboard language	French
I/O ports	1x USB 3.2 Gen 2 Type-C support display / power delivery 1x USB 2.0 Type-C support power delivery 2x USB 3.2 Gen 1 Type-A 1x HDMI 1.4 1x 3.5mm Combo Audio Jack 1x RJ45 Gigabit Ethernet
Audio	Audio by Dirac Built-in speaker Built-in array microphone
Battery	50WHrs, 3S1P, 3-cell Li-ion
AC Adapter	TYPE C ;45W AC Adapter ;Output: 20V DC, 2.25A, 45W , Input: 100~240V AC; 50/60Hz universal (Adapter+power cord)
Required charging power	Min: 35W Max: 45W <i>*The indicated wattage is for demonstrating the system's support capability as required by EU regulations. For optimal system performance, please use the standard-wattage adapter or higher.</i>
Dimension (WxHxD)	29.69 x 21.30 x 2.11 ~ 2.12 cm (11.69" x 8.39" x 0.83" ~ 0.83")
Starting Weight (with Battery)	1.26 kg (2.78 lbs)
Starting Weight (w/o Battery)	1.07 kg (2.36 lbs)

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Security	Kensington Security Slot™(7x 3mm) BIOS Booting User Password Protection BIOS setup user password Support Absolute Persistence 2.0 (Computrace) Trusted Platform Module (TPM) 2.0 N/A
Antivirus	N/A
MyASUS feature	System diagnosis Battery health charging Splendid Tru2Life Function key lock WiFi SmartConnect AppDeals Link to MyASUS
Built-in Apps	AI ExpertMeet (watermark only) MyASUS
Reparability Index (for Belgium)	9.3
Reparability Index (for France)	9.1
Ecolabels & Compliances	EPEAT Gold Energy star 8.0 FSC Mix REACH RoHS TCO Certified
Base Warranty	3Y Pick up/ return
Recommended Warranty Package Part number//Extension and/or upgrade service from base warranty	*If you would like to know the details, please contact your sales teams.
Battery warranty	Commercial NB B series Battery warranty follow system warranty, 4Y-5Y by WEP option.
Sustainable Material_Top cover(A part)	30% PCR recycled plastic(cover or inner frame)
Sustainable Material_Keyboard frame (C part)	30% PCR recycled plastic(cover or inner frame)
Sustainable Material_Bottom cover (D part)	30% PCR recycled plastic(cover or inner frame)
Sustainable Material_Speaker	45% PCR + 5% OBP PCR recycled plastic enclosure
Sustainable Material_Total PCR recycled plastic	25.6%

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