

BRT-AC828

Dual-WAN VPN

Wireless Router



Business Choice, 2 Years Running! (2015-2016)

"For the second year, Asus earns the Business Choice award from PCMag readers for its routers. The company was tops overall, and the most recommended brand. It's clear that if you need a router for the office, you should consider Asus" – PC Magazine

- **Stable Wi-Fi Range** - Fast, stable Wi-Fi throughout your office with 4x4 MIMO antenna design and ASUS AiRadar beamforming.
- **Hardware Dual-WAN** - Dual physical WAN ports for ultimate speed and reliability, with up to 2Gbps aggregated bandwidth and failover capability.
- **M.2 Slot for Faster Storage** - Internal M.2 SATA slot for ultra-fast networked SSD storage.
- **Easy Management** - Captive Portal feature for easy, intuitive customer Wi-Fi portal setup; easy network device management with Device Grouping and RADIUS server.
- **Improved Network Safety** - Fast, protected networking with IPsec VPN and VLAN management.
- **Teaming Support** - Up to 4Gbps LAN connections.
- **Up to 250 simultaneous client connections** – Connectivity for the most demanding environments.



Reliable Networking to Empower Your Business

Packed with all the networking features and reliability your business needs, BRT-AC828 is designed for growing companies on the path to greatness. Whether you're a startup or an established player, in any sphere of business from the smallest restaurant to the largest retail store, BRT-AC828 can help you connect to success.



AC2600 Wi-Fi, Fast and Far

Dual-band AC2600 Wi-Fi not only allows fast and stable connections to multiple devices, but it also offers superb coverage — up to 100 meters on the 2.4GHz band in open areas* — that's perfect for the typical office. Even in complex office layouts, the powerful 4x4 (4-transmit, 4-receive) MU-MIMO design with four external antennas and fine-tuned power output ensures optimized reception for the best possible performance.

BRT-AC828

2.4G up to 800Mbps

5G up to 1734 Mbps

3x3 Wi-Fi Router

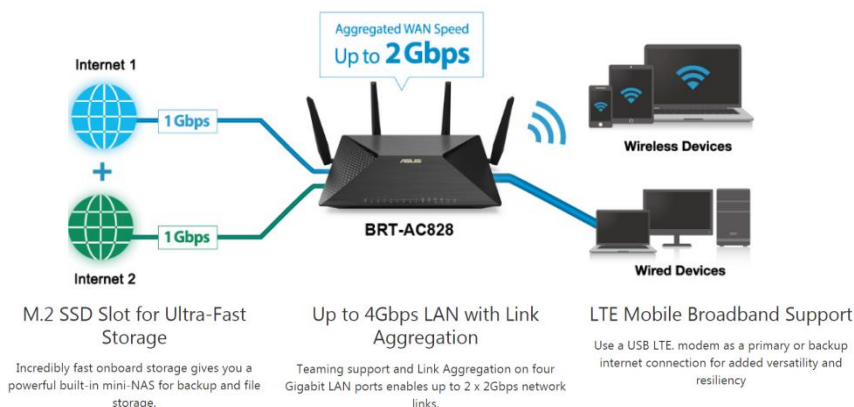
2.4G up to 600Mbps

5G up to 1300Mbps

1.33X
faster Wi-Fi

Dual WAN Ports for Fast, Resilient Internet Connectivity

For the ultimate speed, the two physical Gigabit Ethernet WAN ports on BRT-AC828 can provide aggregated WAN bandwidth of up to 2Gbps. To ensure non-stop WAN operation, they can be configured as two independent internet connections, with one acting as an automatic backup connection if the other fails.



Free Wi-Fi Portal to Grow Your Business

With the user-friendly graphical menu system, you don't have to worry about complex network settings. Set up a free Wi-Fi welcome page for your customers within steps, and direct them to your promotion page to boost your promotion result.

1. Choose the design template
2. Assign a promotion site URL
3. Your free Wi-Fi service is ready!



Efficient Protection for Your Digital Assets

Protect sensitive company information with Intrusion Prevention System, Content Filtering, and other advanced features, all without sacrificing working efficiency.



Multi-Client Connectivity

Up to 250 simultaneous connections allow ASUS BRT-AC828 to handle even the heaviest usage requirements. The revolutionary MU-MIMO technology allows multiple MU-MIMO-compatible clients to work at their maximum speeds, enhancing network bandwidth.





AiProtection Your Advanced Security Gateway

AiProtection, incorporating state-of-the-art, three-pronged security from Trend Micro™, gives you enterprise-level security in the home. It constantly monitors the health and safety of the home network for your peace of mind.



VPN Your Business Anywhere

IPsec VPN powered with hardware crypto engine to provide more protection and high performance between multiple office locations for small-medium business environment.



VLANs Easily Manage Internal Network Groups

VLAN service helps you to easily manage network usage for different departments, making your private data protected for different groups of usage in the office.

What's Inside the Box

- BRT-AC828 Dual WAN VPN wireless Router
- 4 external detachable antennas
- RJ-45 cable
- Power adapter
- Warranty card
- Quick start guide
- Support CD (user manual and utility)

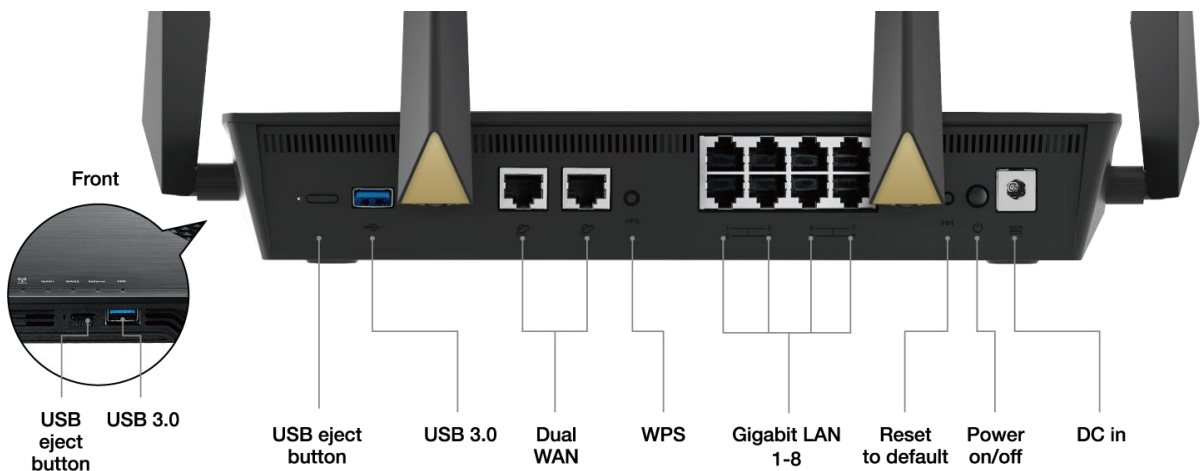
Specifications

- Wireless Type: 802.11 ac/n/g/a/b
- Wireless Speed: Up to 2534 Mbps
- Wireless Frequency: Dual-band (2.4 & 5 GHz)
- Wired Connectivity: 8x LAN, 2x WAN gigabit Ethernet ports
- USB Port(s): 2x USB 3.0,
- M.2 SATA: 1x SOCKET3
- Warranty: 2 years



Scan for full features and specs

Connectivity



Specification

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac,
Product Segment	IPv4, IPv6
Coverage	AC2600 ultimate AC performance: 800+1734 Mbps
Data Rate	Very large homes 802.11a : 6,9,12,18,24,36,48,54 Mbps 802.11b : 1, 2, 5.5, 11 Mbps 802.11g : 6,9,12,18,24,36,48,54 Mbps 802.11n : up to 600 Mbps 802.11ac : up to 1734 Mbps 256QAM (2.4GHz) : up to 800 Mbps
Antenna	External antenna x 4
Transmit/Receive	MIMO technology 2.4 GHz 4 x 4 5 GHz 4 x 4 Beamforming: standard-based and universal
Memory	256 MB Flash 512 MB RAM
Wi-Fi Technology	Beamforming: standard-based and universal 256-QAM high data rate 20/40/80/80+80 MHz bandwidth
Operating Frequency	2.4G Hz, 5 GHz
Encryption	64-bit WEP, 128-bit WEP, WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise , Radius with 802.1x, WPS support
Firewall & Access Control	Firewall : SPI intrusion detection, two-ways IPS, Web Content/ APPs filters Access control : Access control, Network service filter, URL filter, Port filter
Management	UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, Port Trigger,Virtual Server, DMZ, System Event Log
WAN Connection Type	Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Ports	RJ45 for 10/100/1000 BaseT for WAN x 2, RJ45 for 10/100/1000/Gigabits BaseT for LAN x 8 USB 3.0 x 2 M.2 SATA SOCKET3 x 1
Button	WPS Button, Reset Button, Power Button, USB eject Button

Specification

Features	<p>Link Aggregation</p> <ul style="list-style-type: none"> - 802.3 ad - Static <p>MU-MIMO</p> <p>Airtime Fairness</p> <p>Traffic Analyzer</p> <p>Access Countrol</p> <p>AiProtection</p> <p>Access Control</p> <p>Guest Network : 2.4 GHz x 3, 5 GHz x 3</p> <p>VPN server : IPSec Pass-Through, PPTP Pass-Through, L2TP Pass-Through, PPTP Server, OpenVPN Server, IPSec VPN Server</p> <p>VPN client : PPTP client, L2TP client, OpenVPN client, IPSec client</p> <p>3G/4G data sharing</p> <p>Printer Server</p> <ul style="list-style-type: none"> - Multifunctional printer support (Windows only) - LPR protocol support <p>AiDisk file server</p> <ul style="list-style-type: none"> - Samba and FTP server with account management <p>Dual WAN</p> <p>IPTV support</p> <p>Captive Portal</p> <p>Free WiFi</p> <p>RADIUS Sever</p>
LED Indicator	Power x 1 / LAN x 8 / WAN x 2 / Wireless x 2 / SSD x 1/ Fail-over x 1 / USB x 2
Power Supply	AC Input : 110V~240V(50~60Hz) / DC Output : 19 V with max. 3.42 A current
Dimensions	190 x 300 x 49.5 ~ mm (WxDxH)
Weight	950 g
Color	Black
Package Contents	<p>BRT-AC828 Dual WAN VPN Gigabit Router</p> <p>RJ-45 Cable</p> <p>Power Adapter</p> <p>Quick Start Guide</p> <p>Warranty Card</p> <p>Support CD (User manual & Utility software)</p>
Operation mode	<p>Wireless router mode</p> <p>Access point mode</p>