A networking guide: Buying the right ASUS wireless router

Picture this: You’re coming home after a long, hard day at work. You turn on your notebook, but something’s wrong. Your Netflix’s streaming is spottier than a Dalmatian!

You instantly realize your Wi-Fi strength (or lack of it) has got to be the culprit! Well, that’s just great. Looks like it’s time to replace that router. But the galloping product choices can be confusing for a novice like you!

With that in said, we’ve prepared a recommendation guide from ASUS to find your wireless router that best suits your needs.

**ESSENTIALS-CLASS NETWORKING ESSENTIALS:**
If your main criteria are to blanket your home with Wi-Fi connectivity with zero dead zones, the pack of home solutions and speedy setups would be to invest in an ASUS Lyra Trio. Its unusual triangular form isn’t just for show as ASUS says the design minimizes signal losses and protects router performance.

- **Tri-Band AiMesh System:**
  - The ASUS Lyra Trio is available for S$199 in a 2-pack setup, and S$459 for a 3-pack bundle.

**SMART HOME-CLASS NETWORKING SMART HOME:**
If there’s one product that looked like a wireless router, that would be the Lyra-Trio oriented, mesh-capable, ASUS Blue Cave. The dual-band AC1750-class WiFi-1000 router has the Gigabit Ethernet ports around its back along with the built-in WTFast Game Accelerator which is free to use.

- **AiProtection with Trend Micro:**
  - It's available from S$399, it packs a Gigabit Ethernet port and the last LAN port aggregate the WAN port.

**PERFORMANCE-CLASS NETWORKING PERFORMANCE:**
The world’s first Wi-Fi 6 router and the first to be made available in Singapore, the ASUS RT-AX86U supports over 8Gbps wireless throughput over the 2.4GHz network and 4.8Gbps on its 5GHz network for a total combined throughput of nearly 6Gbps. It offers those concerned with connectivity and device restrictions a high quality option. ASUS also offers dual- pack versions for slightly lower prices.

- **AiMesh capable:**
  - ASUS also offers dual-pack versions for slightly lower prices and to enjoy AiMesh from the get-go.

**GAMING-CLASS NETWORKING GAMING:**
For the gaming enthusiast, the ASUS ROG Rapture GT-AC2900 is a tri-band router that offers that multi-channel features that support up to 4.8Gbps throughput each, with a quad-core CPU that manages over 1Gbps wireless throughput. The GT-AC1900 is an affordable option that can run on a budget but still offers impressive performance at a low price.

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- **AiMesh capable:**
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**For more details and considerations, check out the full guide at [https://go.hwrz.ws/2M7LODg](https://go.hwrz.ws/2M7LODg)**

**TERMS & CONDITIONS APPLY.**

If you've decided on what your “must-have” features are, the next step is to consider what you need to achieve your goals. Below are some considerations for you to think about.

**1. What is my current Wi-Fi speed?**
   - Knowing your current Wi-Fi speed is crucial in choosing a router that meets your needs.
   - If your current Wi-Fi speed is insufficient, you may want to consider upgrading to a more powerful router.

**2. How many devices will I be connecting to my router?**
   - The number of devices connected to your router can affect your Wi-Fi speed and stability.
   - Make sure to choose a router with enough ports to handle all your devices.

**3. What kind of activity will I be doing on my router?**
   - Consider what kind of activities you will be doing on your router. For example, streaming 4K videos requires more bandwidth than browsing the internet.
   - Some routers are better suited for specific activities like gaming or streaming.

**4. Will I need a long-range coverage?**
   - If your home is large or has multiple floors, you may need a router that can cover a larger area.
   - Look for routers with features like AiMesh for seamless wireless connectivity across your home.

**5. What is my budget?**
   - Routers can range in price from budget-friendly options to high-end models.
   - Consider your budget and choose a router that offers the features you need at a price you can afford.

**SMART HOME-CLASS NETWORKING SMART HOME:**

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Lyra Trio Stable & Safe Mesh Wi-Fi
Beyond Walls & Floors

802.11ac AC1750 Dual Band Mesh WiFi System

**AiMesh System Compatible Routers**
- RT-AC2900
  - 2.4 GHz & 5 GHz for up to Super-fast 600/1300Mbps Download
  - 600/1300Mbps Speed
  - Broadcom® TurboQAM™ Technology
  - User-friendly ASUSWRT Graphical Interface
  - AiRadar TX Beamforming

- RT-AC68U B1
  - Up to 8 Multi-user SSIDs and Parental Controls
  - Up to 300K Sessions to Internet Clients

- RT-AC86U
  - AiProtection with Trend Micro™
  - LAN Port x4, USB Port 3.0
  - Revolutionary MU-MIMO technology
  - Wireless-AC2900 Gigabit Router

- RT-AC88U
  - 1.4 GHz Dual-core Processor Improves USB and WAN/LAN Speed
  - 4x4 MU-MIMO Technology
  - 8 Gigabit LAN Ports, USB 2.0 & USB 3.0
  - 802.11ac Tri Band Wireless-AC5300 Gigabit Router

- RT-AC5300
  - 4x4 Multi-user MIMO Technology up to 8 Clients
  - 4x4 MU-MIMO Technology
  - 8 Gigabit LAN Ports, USB 2.0 x 1, USB 3.0 x 1
  - 3167Mbps (2167/1000Mbps)
  - 802.11ac Tri Band Wireless-AC5300 Gigabit Router

- PCE-AC55BT
  - 2.4 GHz & 5 GHz for up to Super-fast 300/433Mbps Download
  - 3 External Strong Antenna
  - Super Speed N Up to 300Mbps
  - Detachable 5dBi Antenna x 2

- RP-AC52
  - 2.4 GHz + 5 GHz Data Rates up to 433Mbps/300Mbps Download
  - Multi-tasking at up to 30,000 Data Sessions
  - 4 SSIDs for Flexible Wireless Access Control

- RP-AC85U
  - Built-in Amazon Alexa Virtual Assistant / Bluetooth Speaker
  - Bluetooth antenna x1

- RT-AC1300UHP
  - 2.4 GHz & 5 GHz for up to Super-fast 433Mbps/300Mbps Download
  - Multi-tasking at up to 30,000 Data Sessions
  - 5dBi Attennas x4
  - Built-in USB 3.0

- Wireless-AC1900 USB Wi-Fi Adapter
  - Speed up to 867Mbps/400Mbps Download
  - USB 3.0 / Built-in External Antenna

- RT-AC66U B1
  - Up to 8 Multi-user SSIDs and Parental Controls
  - Up to 300K Sessions to Internet Clients

- RT-N12 D1
  - Wi-Fi Multi-Band Range Extender
  - Multi-band setting up to 35000 Sub Devices
  - 3 External Strong Antenna

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  - Commercial-grade Security - AiProtection with Trend Micro™
  - 2.4 GHz + 5 GHz Data Rates up to 1750Mbps (450+1300 Mbps)

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