

## ASUS RT-AX52 Pro AX3000 wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black

**Brand :** ASUS

**Product code:** 90IG08T0-M03H10

**Product name :** RT-AX52 Pro AX3000

RT-AX52 Pro (AX3000) Dual Band WiFi 6 Extendable Router, Instant Guard, Parental Control Scheduling, Built-in VPN, AiMesh Compatible

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### BSS Coloring Boosts Connection Efficiency

WiFi 6 includes a new feature called BSS Coloring that improves WiFi connection efficiency even in crowded environments. When two neighboring routers send traffic on the same channel, your router has to wait until the channel is free. With BSS Coloring, your WiFi 6 router identifies its data with a unique channel tag ('color') that's different from neighboring networks. Your WiFi 6 router can then ignore other-colored signals on the channel and send data immediately.\* This greatly reduces router waiting times and boosts network efficiency.

\*A BSS Coloring-compatible client is needed to enjoy the benefit.



| WAN connection                        |                                                                                                                        | Security              |                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------|
| Ethernet WAN *                        | ✓                                                                                                                      | Security algorithms   | SSH, WPA-Enterprise, WPA-Personal, WPA2-Enterprise, WPA2-Personal, WPA3-Personal |
| SIM card slot *                       | ✗                                                                                                                      | Firewall              | ✓                                                                                |
| 3G/4G USB modem compatibility *       | ✗                                                                                                                      | Parental control      | ✓                                                                                |
| WAN connection type                   | RJ-45                                                                                                                  | MAC address filtering | ✓                                                                                |
| Wireless LAN features                 |                                                                                                                        | System event log      | ✓                                                                                |
| Wi-Fi band *                          | Dual-band (2.4 GHz / 5 GHz)                                                                                            | DMZ support           | ✓                                                                                |
| Top Wi-Fi standard *                  | Wi-Fi 6 (802.11ax)                                                                                                     | Protocols             |                                                                                  |
| WLAN data transfer rate (max) *       | 3000 Mbit/s                                                                                                            | DHCP server           | ✓                                                                                |
| Wi-Fi standards                       | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)                                   | Design                |                                                                                  |
| WLAN data transfer rate (first band)  | 2402 Mbit/s                                                                                                            | Product colour        | Black                                                                            |
| WLAN data transfer rate (second band) | 574 Mbit/s                                                                                                             | LED indicators        | Power, WPS, LAN, WAN                                                             |
| Modulation                            | 1024-QAM, OFDMA                                                                                                        | On/off switch         | ✓                                                                                |
| Network                               |                                                                                                                        | Product type *        | Tabletop router                                                                  |
| Ethernet LAN *                        | ✓                                                                                                                      | Packaging content     |                                                                                  |
| Ethernet LAN interface type *         | Gigabit Ethernet                                                                                                       | Cables included       | LAN (RJ-45)                                                                      |
| Port triggering                       | ✓                                                                                                                      | AC adapter included   | ✓                                                                                |
| Dynamic DNS (DDNS)                    | ✓                                                                                                                      | Warranty card         | ✓                                                                                |
| VPN support                           | Instant Guard VPN Client L2TP VPN Client Open VPN VPN Client PPTP VPN Server IPSec VPN Server Open VPN VPN Server PPTP | Quick start guide     | ✓                                                                                |
| Ports & interfaces                    |                                                                                                                        | Antenna               |                                                                                  |
| Ethernet LAN (RJ-45) ports *          | 4                                                                                                                      | Antenna design *      | External                                                                         |
| USB port *                            | ✗                                                                                                                      | Antenna type          | 2x2                                                                              |
| DC-in jack                            | ✓                                                                                                                      | Antennas quantity     | 4                                                                                |
|                                       |                                                                                                                        | Features              |                                                                                  |

| Management features              |   | Features                    |         |
|----------------------------------|---|-----------------------------|---------|
| Bandwidth control                | ✓ | Built-in processor          | ✓       |
| Quality of Service (QoS) support | ✓ | Power                       |         |
| Wake-on-LAN ready                | ✓ | Power source type *         | AC      |
| Reset button                     | ✓ | Weight & dimensions         |         |
| WPS push button                  | ✓ | Width                       | 190 mm  |
| MU-MIMO technology               | ✓ | Depth                       | 126 mm  |
|                                  |   | Height                      | 45 mm   |
|                                  |   | Weight                      | 342 g   |
|                                  |   | Packaging data              |         |
|                                  |   | Package width               | 254 mm  |
|                                  |   | Package depth               | 255 mm  |
|                                  |   | Package height              | 55 mm   |
|                                  |   | Package weight              | 685 g   |
|                                  |   | Package type                | Box     |
|                                  |   | Number of products included | 1 pc(s) |



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### Catalog Object Cloud



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