



GIGABOND DESKTOP 420



Technical Specifications

Enclosure format	Desktop
Dimensions (WxHxD)	147 x 130 x 180 mm 5.79 x 5.12 x 7.09 in
Weight (without modules)	2 kg / 4.4 lb
Power rating	12 VDC, 5 A max ¹⁾
Power supply	External AC/DC adapter 100–260 VAC, 50–60Hz
Working temperature	0–40° C / 32–104° F
Cooling	Ultra-Silent Fan
LAN Interface	2.5G Ethernet
WLAN Interface	6E 3x3 MiMo 2,4 / 5 / 6 Ghz
Fixed 2.5G Ethernet WAN	1
WAN module slots	3
Max. power consumption	60 Watt ¹⁾
Typical power consumption	20 Watt ¹⁾
SNMP Basic / Extended	✓ / ★
Bonding capacity	up to 2,000 Mbps
Recom'd # of users in LAN	50

★ Optional License

¹⁾ Current and wattage depends on the module types used, peak wattage is given for three active 5G modules.

Delivery Content

- 1 Gigabond 420 Router
- 1 Power supply unit
- 1 Power cable
- 2 Replacement Air Filters
- 3 Module Slot Covers
- 3 Replaceable RP-SMA WiFi6e Antennas

The Gigabond 420 Router is the perfect solution to connect small offices or mobile sites to the Internet or a corporate VPN. By bonding up to four different Internet lines into a single, high-performance virtual link, this link becomes both reliable and speedy. Thanks the ultra silent desktop design, the device is especially suitable for use in home offices. Maximum bonding capacity amounts to 2,000 Mbps.

This model is the successor to the Multichannel VPN Router 310, the most successful modular router product in the history of Viprinet. The new Gigabond Desktop 420 Router is building on top of that. With up to 2 Gbit/s of true encrypted bonding throughput, the Gigabond Desktop 420 is eight times as fast as the previous generation device.

To accommodate this the LAN port has been upgraded to a 2.5 Gbit/s Ethernet interface. While the 310 model had three module slots, bonding three lines, the 420 in addition features a fixed 2.5 Gbit/s Ethernet WAN port. This means you are now able to bond up to four lines.

The Gigabond 420 is fully backward-compatible with the existing 310. Existing 310 router installations can be mixed with the 420 model, and over time existing 310 installations can be upgraded to 420 with minimal effort. The 420 is cooled using an ultra-silent huge fan on the backside. Due to this it supports a higher ambient temperature range even when using three 5G modules at full transmission power. To keep the device clean, user-replaceable washable air filters are provided.

Optional Additional Licences

- Streaming Optimization (for live video & PBX VoIP Trunking)
- Node Stacking (to merge multiple router Units into one)
- Enterprise Node Features (VLANs, Dynamic Routing, ext. SNMP)

