

Spark Smart Modem 3

Technical Specifications extracted from Geekzone posting:

https://www.geekzone.co.nz/forums.asp?forumid=39&topicid=299352&action=new_disc_replies"etopic=299352

Simple to use, seamless to connect. Smart Modem 3 is equipped with the latest WiFi 6 technology, offering fast speeds and a secure connection.

Compatible with Spark Fibre, ADSL and VDSL connections.

Technical specifications

FEATURES

- Quad-Stream AX3500 WiFi – up to 5.66 Gbps (860.3+ 4803.9 Mbps) *
- WiFi6 11ax
- Downlink and Uplink Multi-User MIMO technology in both 2.4GHz and 5GHz
- 1024QAM modulation for higher throughput
- 2 Ghz dual-core processor
- Support DDR4 faster than DDR3
- 5-core packet acceleration for CPU offload
- 2GHz ARM dual core for more computing power
- Gigabit internet capable over ethernet **

DSL TECHNOLOGY

- Comply with ITU-T G.993.2 – Annex A with 998 asymmetric band plan and vectoring (profile 8x,12x,17a,30a)
- Comply with ITU-T G.992.1 (G.dmt), ITU-T G.992.3 (ADSL2), ITU-T G.992.5 ADSL2+ standard

WIFI TECHNOLOGY

- 802.11n: up to 450Mbps
- 802.11ac: up to 3466.7 Mbps
- WiFi 4 256QAM (2.4GHz): up to 600Mbps
- WiFi 4 1024QAM (2.4GHz): up to 750Mbps
- WiFi 5 1024QAM (5GHz) : up to 4333Mbps
- WiFi 6 1024 QAM(2.4Ghz) up to 860.3 Mbps
- WIFI 6 1024 QAM(5 Ghz) up to 4803.9 Mbps

DATA RATE

- (860.3+ 4803.9 Mbps)

- WIFI BAND

- Simultaneous dual band 2.4 & 5GHz

WIFI STANDARDS

- IEEE® 802.11 b/g/n/ax 2.4GHz
- IEEE® 802.11 a/n/ac/ax 5GHz

BEAMFORMING

- Beamforming+ — Boosts speed, reliability and range of WiFi connections in 5GHz

MEMORY

- RAM DDR4 1GB
- Internal Storage eMMC 8GB

SECURITY

- DMZ
- Stateful Packet Inspection Firewall
- WiFi Protected Access® (WPA3, WPA2, AES and TKIP)
- Intrusion Detection and Prevention (DoS, SYN Flood, Ping of Death, Fraggle, etc.)
- Customizable Firewall Security Levels

PHYSICAL SPECIFICATIONS

- Dimensions: 265 x 170 x 85mm (with stand)
- Weight: 536g (device)

NUMBER OF ETHERNET PORTS

- 1 x 2.5GB WAN port
- 3 x gigabit ethernet LAN port

NUMBER OF USB PORTS

- 1 x USB 2.0 port

* Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. Spark makes no representations or warranties about this product's compatibility with future standards.