

ARCUS

Product Specifications



Arcus is a powerful, ruggedized, 5G-ready router that enables up to 7 simultaneous WAN connections (3 cellular).

Turn to Arcus when you need high-capacity connectivity on the move or outdoors, and application performance for latency sensitive applications.

Maximum load balancing capacity	1 Gbps
Phantom VPN encryption	1 Gbps
IPSec VPN encryption	1 Gbps
Maximum number of simultaneous WANs	7
Dimensions w x h x d	200 mm x 55 mm x 280 mm
Weight	2.20 kg
Operating temperature	-20 °C to 70 °C
Humidity	5% to 95%
Power supply	3-pin terminal block (+,-,ignition), +9~36VDC ATX mode support ignition delay on/off control
Power consumption	10-45W depending on use
Integrated cellular	3 x cellular (5G/4G/3G/2G)
Region	Global
SIM card slot	6 x nano
eSIM support	EM12, RM500, RM502, RM505 support eUICC with 4FF
Ethernet (WAN and/or LAN)	3 x M12 X-coded GBE
WiFi (WAN and/or LAN)	5GHz/2.4GHz dual-band (optional)
USB	2 x USB 2.0
Mini-PCIe	1 x WiFi, 1 x cellular (LM940 or EG25)
M.2	2 x cellular (RM500Q or EM12)
Antenna connectors cellular	10 x SMA female
Antenna connectors WiFi	3 x RP-SMA female
Antenna connectors GPS	1 x SMA female

Technical Specifications

ARCUS

3YP-CWY-M6.3-E3L3W1

EAN 7090049150517

Theoretical download rates / theoretical upload rates

ARCUS accepts up to 2 x M.2 + 1 Mini-PCIe + 1 Wireless Adapter.
Available components for each slot are as follows:

M.2 Slot 1	Quectel EM12-G CAT 12 or Quectel RM500Q-GL 5G or Quectel RM505Q-AE 5G
M.2 Slot 2	Quectel EM12-G CAT 12 or Quectel RM500Q-GL 5G or Quectel RM505Q-AE 5G
Mini-PCIe	Quectel EG25G or Telit LM940 CAT11
Wireless Adapter	Compex WLE600 or Compex WLE900



Blue Wireless is the first global service provider for wireless connectivity, with a single focus on helping our customers succeed in a wireless world.

We deliver ultra-reliable and flexible connectivity solutions where traditional networks struggle - branches, stores, remote locations, IoT, and the maritime sector, and we do this by bringing together the latest LTE/5G technologies, built expertise, and hands-on team in more than 80 countries worldwide. Learn more www.bluewireless.com