

Araknis Networks® 520-Series Multi-Gigabit VPN Router AN-520-RT



The most demanding network jobs demand the processing power of the Araknis Networks 520 router. This router features a multi-gig WAN-LAN interface, dual WAN connection, built-in site-to-site connectivity, and robust processing power. With its embedded firewall you can prevent common attacks and provide a baseline level of security for your customer's network.

Multi-Gigabit Support

Supporting multi-Gigabit WAN-LAN with speeds up to 2.5G, the 520 can meet the demand of today's high-speed ISPs. This high-performance router features dual WAN connection for load balancing and link failover.

Stay Safe and Secure

Equipped with an embedded firewall that supports Stateful Packet Inspection (SPI), Denial of Service (DoS) prevention, and WAN Request Blocking.

Secure Site-to-Site Connectivity

The 520 series router supports IPSec, which can create a secure, fast, and reliable site-to-site connection with speeds up to 2.5G - perfect for applications where two locations need to be part of the same network.

Reliable Remote Management

Araknis routers provide advanced troubleshooting, monitoring, and configuration through the OvrC platform. OvrC and OvrC Pro are built into every Araknis router to assist professionals in supporting customers' networks. While the OvrC Connect app allows the customer to manage their system's firewall settings. Learn more about the different OvrC features available to Araknis routers below.

- **OvrC** – A free remote management platform that enables the installer to remotely configure, manage, and troubleshoot this router.
- **OvrC Pro** – Allows for enhanced system health, and troubleshooting capabilities that make remote support easy and prevent unnecessary service calls.
- **OvrC Connect** – Empowers customers to solve small problems on their own, with customizable macros set up by the installer. Customers can reboot OvrC-enabled products, reset PoE ports on Araknis switches, and more. When paired with a full suite of OvrC-enabled devices even more troubleshooting capabilities are available at their fingertips.

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Specs

AN-520-RT	
Interfaces	WAN RJ-45: 1 x 2.5G BASE-T Ethernet
	LAN RJ-45: 1 x 2.5G BASE-T Ethernet
	LAN/WAN Combo - 1x 1G BASE-T (RJ45/SFP)
Stateful Firewall Throughput	4400 Mbps
IPSec	Maximum Throughput: 2550 Mbps
	Tunnels: 50
PPTP Throughput	Maximum Throughput: 300 Mbps
	Tunnels: 20
OpenVPN Throughput	Maximum Throughput: 650 Mbps
	Tunnels: 20
WAN Features	Single WAN
	Dual WAN Link Failover
	Dual WAN Load Balancing
	Multi-Dwelling Units (MDU)
	Network Service Detection (NSD)
	VLANs: 802.1Q
	MSS Clamping
	Auto MTU
	DHCP Options
	Metered Connection Features
L3 Features	DHCP
	Static Routing
	QoS
	Inter-VLAN Routing
	DDNS
	Local DNS
	1:1 NAT
	PAT (Port Address Translation)
	DMZ Host
	IPv6
	DHCP Options
	DHCP Reservations
	IP/MAC Access Control Lists
	IP Bandwidth Control
L2 Features	VLANs: 802.1Q
	RJ45 Auto-Sensing
	RJ45 Auto-Negotiation

Security Features	Stateful Firewall
	Stateful Packet Inspection
	DoS Prevention
	SYN Flood
	Port Forwarding
	Port Triggering
	UPnP
	MAC/IP Based Access Management
VPN Features	MAC/IP Filtering
	IPSec/PPTP Passthrough
	Gateway to Gateway IPSec
Management Features	PPTP Server
	OpenVPN
	OvrC Cloud Management
	OvrC Pro Embedded
	Web Management
	SNMP v1, 2c, 3
	Download/Upload Config File
	System Log
General Features	HTTP and HTTPS
	System Time: NTP/Manually
	Fanless Design
	Auto-Reboot
	Bonjour Client
DHCP Clients	System LED Control
	Test Tools (Ping, DNS Lookup, Trace Route)
Power Load (idle/max)	2048 (Max)
Dimensions (W x H x D)	3.12W / 14.86W
	8.27in (W) x 1.73in (H) x 12.48in (D)
Weight	210mm (W) x 44mm (H) x 317mm (D)
	3.75lbs
Rack Spacing	1.69kg
Internal	1U
Power Supply	Rack, Desktop, Wall Mount
Operating Temperature	Internal
	Operating: 0°C to 40°C (32°F to 104°F)
Operating Humidity	Storage: 0°C to 70°C (32°F to 158°F)
	Operating Humidity: 10% to 85% Non-Condensing
Certifications	Storage Humidity: 5% to 90% Non-Condensing
	FCC, ISED, TUVL, CE, UKCA, RCM, UPnP, IPv6 Ready