

ROUTE 10



10 GBPS ROUTER

HARDWARE FEATURES

- Four 2.5 Gbps RJ45 Ports, 2 with PoE+
- Two 10 Gbps SFP+ Ports
- Quad-Core Qualcomm Network Accelerator
- Sleek, Compact Form Factor
- Optional Rack Mount Accessory
- Single Power Supply

RELEASE FEATURES

- Static IP, DHCP and PPPoE WAN Support
- VLAN and QoS Tagging on WAN Support
- Multiple VLAN and Subnet Support
- DNS Repeater
- Firewall Configuration
- NAT Configuration (Source and Destination, Port forwarding)
- UPnP Support
- mDNS Forwarding
- Real-time Statistics Reporting
- Dynamic DNS Client
- RADIUS Server (for IPsec VPN)
- L2TP+IPSec Servers
- LLDP
- Static Routes

POST-LAUNCH FEATURES (SOON)

- Multi-WAN
- IPsec Site to Site
- L2TP+IPsec Client
- OpenVPN
- Wireguard
- IDS/IPS
- IKEv2 Remote Access
- Advanced features: Match Source MAC, mark, DSCP
- NAT Schedule
- QoS for Low Latency
- DPI
- Alta Networks Mobile App Support

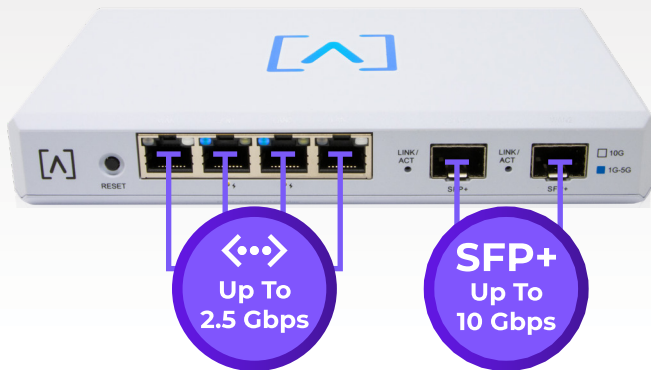


ROUTE 10

Alta Labs is thrilled to announce the release of our groundbreaking high-performance 10 Gbps Router. Disruptively priced, it is the only 10 Gbps router in the market at this retail price point. Route10 completes the Alta Labs ecosystem, making it possible to build your entire network with Alta Labs products.

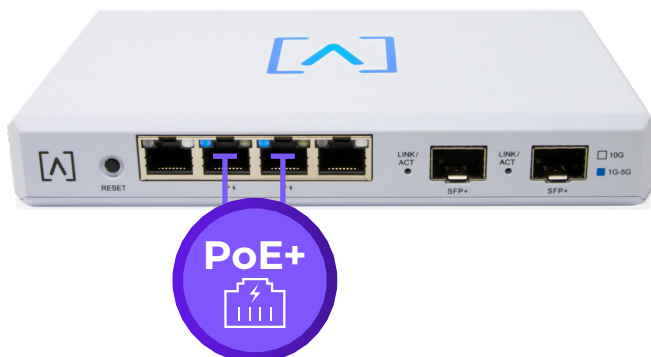
High Performance Connectivity

Designed for maximum performance, Route10 includes four autosensing Ethernet ports that support up to 2.5 Gbps Ethernet connections (10/100/1000/2500 Mbps). Route10 also provides two SFP+ ports for high-capacity fiber or copper connections of 1 Gbps, 2.5 Gbps, 5 Gbps, or 10 Gbps.



Power Over Ethernet

Route10 features PoE+ connectivity on ports 2 & 3. The router supports the 802.3at PoE+ standard and is backwards compatible with the 802.3af PoE standard. Power your Alta Labs Access Points and other devices that support 802.3at or 802.3af standards.



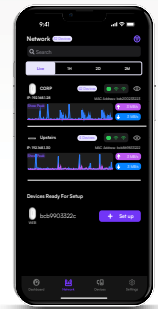
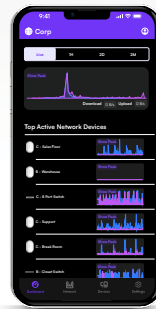
Bluetooth Setup (Coming Soon)

Bluetooth functionality is built into the Alta Labs Route10 router allowing for seamless setup using the Alta Networks mobile app.



Mobile App Support (Coming Soon)

Monitor and manage your networks from the convenience of your mobile device. The management interface is easily accessible via mobile app or web browser. Sign up for an Alta Labs account using just your name, email, and password or sign in using your Google or Apple account.



Advanced Filtering - DPI Engine (Coming Soon)

Route10 has a powerful built-in Deep Packet Inspection (DPI) engine. Restrict access to websites, applications, or application types. Filter settings are easily applied in the Alta Labs Control™ management interface.

Select applications or application types in the Block Applications drop-down menu. Block websites by typing in their domain names in the Block Domains field.

Device Specific Exceptions

For instances where specific devices should not have their content filtered, adhere to a schedule, or bypass a hotspot, admins can allow individual devices to bypass the filter, schedule, and/or hotspot settings.



Desktop
×

Blank values will use defaults.

Network Type ⓘ Use Default ▾

VLAN

DL Rate (Mbps) ⓘ

UL Rate (Mbps) ⓘ

Device Icon ⚡

Reset
Save

SPECIFICATIONS

Mechanical	
Dimensions	180 x 110 x 29.8 mm (7.09 x 4.33 x 1.17")
Weight	0.46 kg (1.01 lbs)
Enclosure Material	Top cover: polycarbonate Bottom cover: milled aluminum
Material Finish	Matte
Color	White
Mount Material	Injection Molded Plastic
Ports	
Network Interface	Ethernet, Bluetooth
Management Interface	(4) Autosensing 2500/1000/100/10 Mbps RJ45 Ports, (2) 10 Gbps/1.25 Gbps SFP+ Ports
LEDs	
PoE	Amber
RJ45	Amber (Left LED): 10/100 Mbps Blue (Left LED): 1 Gbps White (Right LED): 2.5 Gbps
SFP+	Blue: < 10 Gbps White: 10 Gbps
Status	RGB/Multi-Color
Hardware	
Processor	Quad-core Qualcomm 2.2 GHz
Button	Reset/Factory Reset
Power	
Power Supply	Universal AC, 100 - 240VAC 50-60Hz External
Maximum Input Power Consumption	70W
POE Budget	40W
Per-Port PoE	(2) 802.3at POE+, PoE+ (54VDC, 0.6A Max)
PoE Ports	2
Bluetooth Version	BLE
Total Bluetooth Power	5 dBm EIRP
Bluetooth Gain	3 dBi
MAC Table Size	4k



Environmental	
Mounting	Locking Wallmount, Desktop
Operating Temperature	-5 to 50° C (23 to 122° F) With (1) 2W SFP+ Module: 45° C (113° F) With (2) 2W SFP+ Modules: 40° C (104° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC
RJ45 Port Surge Protection	12kV for ESD - Contact, 25kV for ESD - Air

Software	
VLAN	802.1Q
Easily Scale from Home to SMB to Stadium	Yes
Seamless Per-Client Settings	Yes
VPN Server	Yes, Multiple, Hardware-Accelerated
Actual Total Throughput	25 Gbps Combined Upload/Download
RADIUS Authentication	Yes
Deep-Packet Inspection	Yes
Intrusion Detection and Prevention Systems	Yes, at 10 Gbps
WAN Failover and Load-Balancing	Yes