



Edge Routers

Cloud-Managed Edge Routers and Internet failover devices purpose-built for the MSP

Always Connected

When the Internet is down, business usually stops. And fair or not, many clients blame the MSP, even if they had nothing to do with the outage. That's why we built the Datto Networking family of edge routers, for the MSP to deliver always connected Internet to its clients, and to stop the frustrating blame game. Finally, a cloud-managed Internet failover device purpose-built for the MSP.

Always Connected Internet

With fully integrated 4G LTE Internet failover combined with out of the box ready carrier service (no contract and no overages), Datto's edge routers enable an MSP to deliver always connected Internet to its clients. That way, when an MSP's client loses its primary Internet connection, we automatically failover to the 4G LTE network. For the client, it's always connected Internet. For the MSP, it's network continuity to keep its client up and running.

All-in-One Networking

The Datto Networking Appliance (DNA) is purpose-built for the MSP to deliver all-in-one networking in a single, compact device fully managed in the cloud. With robust edge routing, advanced VPN functionality, enhanced web content filtering, fully integrated 802.11ac WiFi, two WAN ports, 4 LAN ports, fully integrated 4G LTE failover and more, the DNA delivers everything an MSP needs to set up a network for its small to medium sized clients.

LTE Management

Out of the box, the D200 ships with always on LTE, available in two service options. First is the fully integrated 4G LTE failover for always connected Internet. The second option, new and available only with the D200, is an LTE Management option, a service that utilizes LTE to give the MSP access to manage and configure the D200 even when the Internet is down at the client site. This new LTE option enables the MSP to access the D200 for ongoing service and troubleshooting. In addition, the MSP will be able to access the management and configuration of any Datto Networking devices that are hardwire connected to the D200. This is MSP-Centric networking at its best, full management access even when the primary Internet connection goes down.

High-Performance Routing

Datto Networking's edge routers deliver the advanced routing performance needed for any small to medium sized client. With throughput speeds of up to 1.7 Gbps on the DNA (line rate on the D200), layer 7 deep packet inspection (DPI), NATing rules, client/site-to-site VPN functionality, traffic shaping and more (all managed in the cloud), this is high-performance routing, purpose built for the MSP.

Integrated Firewall and Security

The stateful firewall and intrusion detection and prevention built into the Datto Networking edge routers will defeat unwanted cyber attacks. Incorporating advanced security features such as stateful packet inspection, layer 7 DPI, port forwarding, DMZ host, enhanced web content filtering and VLAN segregation, the edge routers deliver peace of mind to MSPs looking to protect their client's networks.

Enhanced Web Content Filtering

Enhanced Web Content Filtering adds a vital security layer at the DNS level, stopping threats before they get to the network. Enhanced filtering also prevents any threats from communicating back out to the Internet. Because of this, Datto's edge routers are better equipped to prevent malware, ransomware, and command and control attacks. The power behind this new enhanced level of threat protection is driven by Titan HQ, a service that crawls over 700 million URLs, 6 billion web pages in 200 languages, and reviews 5 trillion search queries in real time, every single day. With millions of malicious URLs categorized in the system, and 100,000 new malicious entries being added every day, Datto's MSP partners can be confident in the DNA's and D200's ability to effectively protect against unwanted threats and attacks.

Born in the Cloud

Accessed from the Datto Partner Portal where an MSP goes to configure and manage all Datto Networking devices, the Datto Networking edge routers can be monitored from Networking Status, a cloud based single-pane-of-glass with a multi-tenant view of all networks and connected devices. It's an MSP-Centric view of networking, born in the cloud from the most MSP-Centric networking product line in the world.

MSP-Centric Networking, the Datto Way

At Datto, we believe in the value of great products and an unwavering commitment to 24x7x365 customer service and support. Every Datto Networking product ships with our advanced replacement warranty, meaning that if you have an issue with your device, we ship you a new one before you send your damaged device back. That way users are always connected. MSP-Centric Networking, the Datto Way.

Datto Networking Appliance

Features

Alerts & Notifications
IPv4
Layer 7 Traffic Management
Hosted VoIP Support
Supports up to 8 VLANS
APT Blocker
Network Discovery
PPPoE
Port Aggregation
Traffic Shaping
Static routing for internal routes—excludes WAN routes and policy-based routes

Firewall

Stateful Packet Inspection
Port Forwarding
1:1 NAT
1:Many NAT
DMZ Host
Layer 7 DPI

Enhanced Web Content Filtering

DNS Security Layer
Malware & Ransomware Protection
Real-time Continuous Updates
Web Content Control

Security

Intrusion Detection System
Intrusion Prevention System
Port Scanning
Signature-based Rule Files
Web Filtering
Whitelisting
Ad Blocker

Failover

Bundled 4G LTE Service
No Carrier Contract Required
No Charges for Overages
WAN Failover

Hardware

8 Core 2.4GHz Intel Processor
8 GB DDR3 RAM
32 GB Industrial Compact Flash Hard Drive
6 Built-in 10/100/1000 Ethernet Ports - 2 Dedicated WAN Ports, 4 Configurable VLAN Ports
3x3 MIMO 802.11 AC WiFi 2.4/5GHz
Fully Integrated Multi-band Cat4 Radio (LTE)

Environmental

0° to 40°C (32° to 104°F) Operating Temperature
Dimensions: 231mm x 197mm x 44mm (9.09" x 7.76" x 1.73")

VPN Support

SSL (Open VPN)
IKEv2
IPSec
Hub & Spoke (multi-router)

Performance

250,000 Concurrent Connections
1.7 Gbps Firewall Throughput (1,518 Packet Size)
661 Mbps IPS Throughput (372 Packet Size)
569 Mbps DPI Throughput (372 Packet Size)
730 Mbps IMIX Throughput (372 Packet Size)*

*IMIX (or Internet Mix) is a metric stimulating Internet traffic flowing through various networking equipment, and is intended to represent how Internet traffic would flow in real world conditions.

Management & Warranty

Cloud Management: dna.datto.com
3 Year Advanced Replacement Warranty

Sold & supported in the following locations

USA, Puerto Rico, US Virgin Islands, Canada, Scotland, Ireland, Northern Ireland, Wales, England, Portugal, Spain, Germany, Italy, Netherlands, Czech Republic, Hungary, Romania, Greece, Albania, Montenegro, Australia and New Zealand**

**For specific coverage, see the DNA Coverage Map



D200

Features

Alerts & Notifications

WAN DHCP/Static IP/ PPPoE

Hardware network acceleration

Traffic Shaping

Layer 7 Traffic Management

VLAN tagging

Up to 5 Combined LANs/VLANs

Firewall

Stateful Packet Inspection

Port Forwarding

1:1 NAT

1:Many NAT

Layer 7 DPI

Custom traffic rules (port blocking)

Enhanced Web Content Filtering

DNS Security Layer

Malware & Ransomware Protection

Real-time Continuous Updates

Web Content Control

Failover

LTE Failover

Bundled 4G LTE Service

No Carrier Contract Required

No Charges for Overages

LTE Management

Hardware

Mediatek 7623A quad-core ARM processor

1GB DDR3 RAM

4GB eMMC Flash

5 built-in 10/100/1000 Ethernet Ports: 1 WAN Port, 4 configurable LAN Ports (2 24V Passive PoE ports)

1 built-in SFP port

Fully Integrated Multi-band Cat4 Radio (LTE)

Environmental

0° to 40°C (32° to 104°F)
Operating Temperature

Dimensions: 7.9" x 4.7"

VPN Support

VPN Server (Open VPN)

VPN Site-to-Site (IPSec, IKEv2)

Performance

2+ Million packets per second

Line rate (1 Gbps) routing. Varies based on traffic type and packet size.

Management & Warranty

Fully integrated into Datto Cloud portal and mobile app

Lifetime Warranty



datto

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