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

### 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
### 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

---

**Corporate Headquarters**
Datto, Inc.
101 Merritt 7
Norwalk, CT 06851
United States
partners@datto.com
www.datto.com
888.294.6312

**Global Offices**
USA: 888.294.6312
Canada: 877.811.0577
EMEA: +44 (0) 118 402 9606
Australia: +61 (02) 9696 8190
Singapore: +65-31586291

©2020 Datto, Inc. All rights reserved.
Effective 06 July 2020