

DATACOM IP Routers DM2500 Family



The definitive IP router for Service Providers and Enterprise business. High performance, low power and rich feature set for value-added Internet Access and VPN Services.

DATACOM

DM2500 Family

Datacom DM2500 IP routers family consists of two models providing the ideal solution for a wide range of IP access and VPN applications.

Implementing a comprehensive feature set including routing protocols like RIP, OSPF and BGP, DM2500 routers are flexible to address the service provider needs.

The two models have four and eight Copper Gigabit Ethernet interfaces respectively, and the most complete model also includes two Gigabit SFP interfaces (combo).

A powerful hardware-accelerated engine allows the products to reach high performance packet forwarding on a compact and low power design.

The products can be managed by CLI interface through SSHv2, Telnet or local RS232 console interface. SNMP, Syslog, TACACS and RADIUS are also supported.

Both models are built on a compact metal enclosure and integrate an internal full-range and automatic selection power supply. An additional 12V DC input is also provided for redundancy. Two devices can be installed side-by-side on a 19-inch rack shelf.

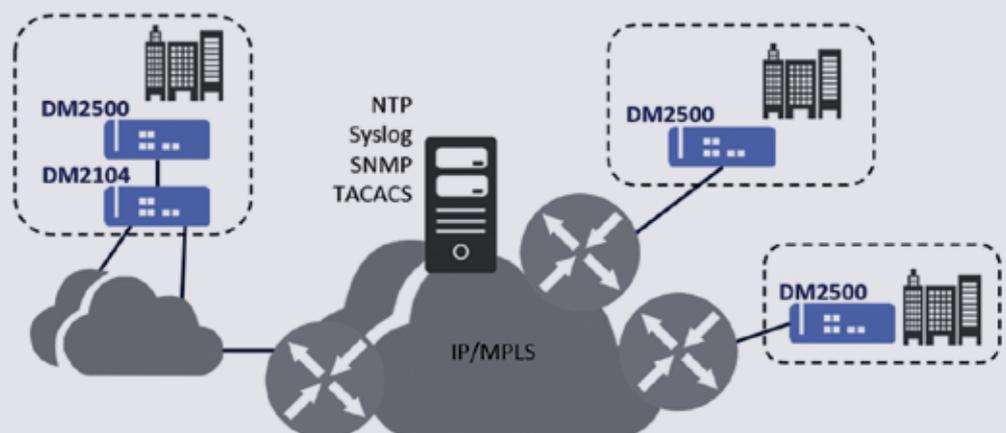
Key Features

- Static and Dynamic Routing including RIP, OSPF and BGP protocols
- VLAN and GRE tunneling
- Link bonding including IEEE802.3ad (LAG)
- Counters per physical interface, VLAN and IP tunnels
- NTP, DHCP, LLDP and DNS services
- ACL matches by IEEE802.1p, MAC address, IP, DSCP, TCP/UDP ports
- Network Address Translation (NAT)
- Packet classification by Ethernet port, IEEE802.1p, DSCP, Ethertype, MAC address, VLAN, IP, TCP/UDP ports
- Traffic policers and shapers
- Packet Scheduling with FQ (fair queueing) and PQ (priority queueing) mechanisms
- CLI Management interface through Telnet, SSH and local console
- Remote Syslog and SNMP
- TACACS and RADIUS for controlling and managing access policies
- Ping and Traceroute for network operation and monitoring
- LAN and WAN interfaces can be assigned to any Gigabit Ethernet Port

Applications

ENTERPRISE TRIPLE-PLAY

DM2500 routers can be used for providing data, voice and video symmetric monitored services, all concentrated in only one device with packet tunneling and prioritization.



Family Models

DM2500 4GT

Compact IP router with 4 copper GE ports. Low power and mid-range performance at competitive cost.



DM2500 6GT+2GC

Compact IP router with 6 copper GE ports and 2 combo GE (copper or SFP) ports. Low power and top performance for most demanding applications.

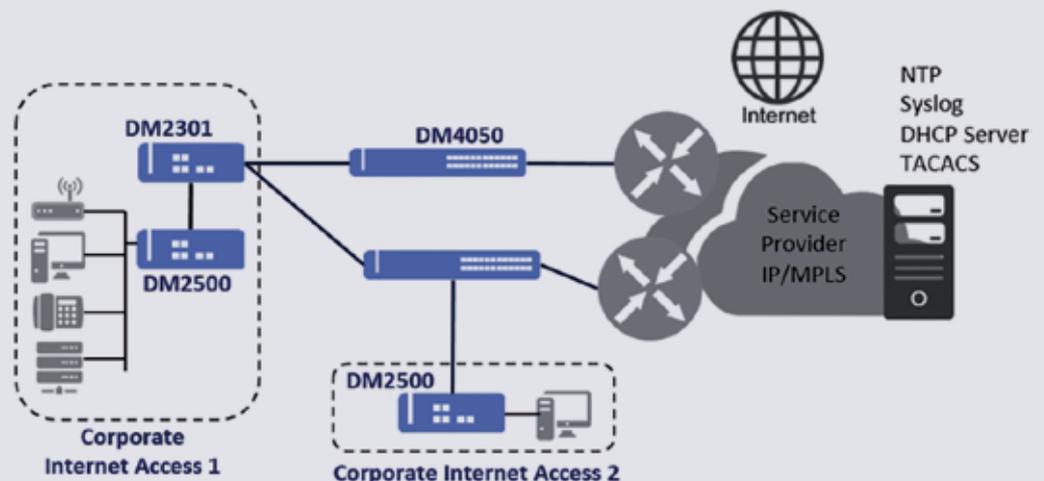


Hardware Characteristics

	DM2500 4GT	DM2500 6GT+2GC
Copper GE	4	6
Combo GE (Copper+SFP)	-	2
Power Supply	Two redundant power inputs: Integrated AC/DC (100-240V and 48-60V) with automatic selection and 12V DC input for external AC/DC adapter	
Power (typical)	10W (fanless)	17W
Management Interfaces	RS232 Console, USB Host 2.0	
Environmental	0 to 45°C operation temperature / 10% to 90% relative humidity	
Dimensions	Height 43mm, Depth 191mm, Width 189mm	

INTERNET ACCESS

DM2500 is the best fit when providing professional Internet Services. Routing protocols, QoS, rate-limiters, ACL and NAT are provided. The Service Provider is capable of managing remotely every aspect of the devices and the provided services.



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