

Peplink MediaFast

Lightning Fast Content Delivery. And So Much More.



Works with:



iTunes U



iOS Updates



TED.com

and more...

MediaFast 500

MediaFast is our supercharged content caching solution. Designed with education and entertainment in mind, it downloads and accelerates video, iTunes U, iOS updates, app download, and other content for uninterrupted learning and fun anytime.

Prefetch. Off-Peak Downloads. Anytime, Anywhere Playback.

Schedule one-time or recurring content downloads during off-peak hours, and then playback downloaded content anytime. Need HD video and other content in places with spotty or congested Internet connections? Download whenever and wherever the connection is best. Then pack up and take the MediaFast anywhere you need seamless content delivery.

Cache. Download x1. Playback x ∞ .

Cache iTunes/iTunes U and other content automatically by domain and file type. With MediaFast, you can download once and play back over and over again, cutting loading time, bandwidth usage and cost. Keep content as long as you like or purge it automatically by file type and age.

Reporting. Insight. On-Demand.

Check bandwidth usage and savings. Track popular URLs and file types. You can also monitor client IP addresses, find your heaviest users, and more, all from a single intuitive interface.

iOS and App Caching.

Managing hundreds of iPads at your campus? The MediaFast can cache iOS updates and app downloads. Download the updates once, and apply to all iPads without consuming extra bandwidth or stressing the network.

SpeedFusion. Bonded Bandwidth. 24/7 Connectivity.

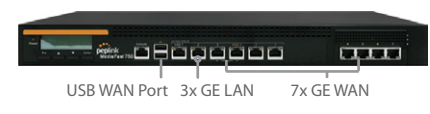
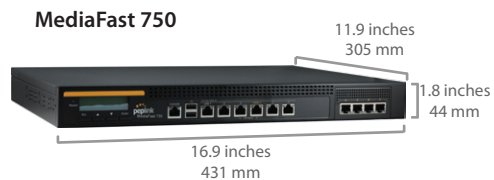
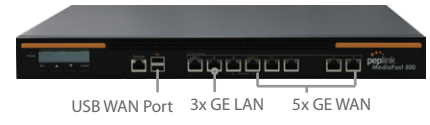
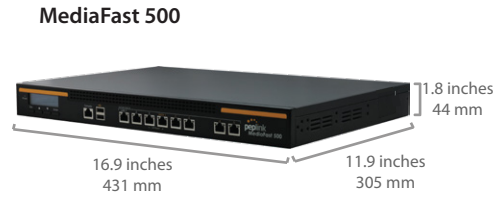
Take advantage of all available connections with SpeedFusion bandwidth bonding and load balancing. Automatic failover keeps your learners learning and teachers teaching, even when a link fails.

InControl 2 and AP Controller. Your Network. At Your Fingertips.

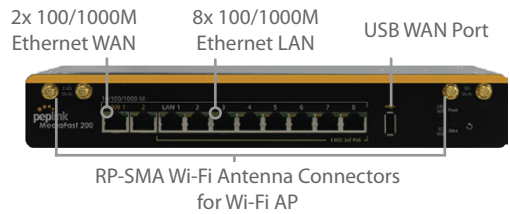
Monitor and manage routers, access points, and other connected devices with InControl 2 and AP Controller. Wi-Fi networks are easy to set up, and you get complete control over your entire wireless and wired network from any compatible web browser.

Specifications

	Branch Office/Hotspot		School/Campus	
	MediaFast 200	MediaFast 210	MediaFast 500	MediaFast 750
Product Code	MFA-200-W	MFA-210-W	MFA-500-B	MFA-750-B
Cache Throughput	200Mbps	1Gbps	1.5Gbps	2.5Gbps
Router Throughput	200Mbps	1Gbps	800Mbps	1.5Gbps
Cache Storage	128GB SSD	128GB SSD	500GB SSD	1TB SSD
Recommended Users	500	500	300-1000	500-2000
WAN Interface	2x GE 1x USB Interface	2x GE 1x USB Interface	5x GE 1x USB Interface	7x GE 1x USB Interface
Wi-Fi Interface	802.11ac/a/b/g/n	802.11ac/a/b/g/n	○	○
LAN Interface	8 (GE)	2 (GE)	3 (GE)	3 (GE)
Video and Content Caching	●	●	●	●
Multi-WAN Load Balancing	●	●	●	●
PepVPN	●	●	●	●
Web Filtering Blacklist	Light	Light	Full	Full
SpeedFusion Hot Failover	○#	○#	●	●
SpeedFusion WAN Smoothing	○#	○#	●	●
SpeedFusion Bandwidth Bonding	○#	○#	●	●
Number of PepVPN/SpeedFusion Peers	2	2	50	300
InControl Cloud Management	●	●	●	●
AP Controller	●	●	●	●
Maximum No. of AP Supported	50	50	100	250
Manage Remote AP & Multiple Config Profiles	○	○	●	●
Operating Temperature	32° – 104°F (0° – 40°C)			



*PoE Kit is available separately. # Available as optional features.



Features

- WAN**
 - Support for PPPoE, Static IP, DHCP
 - WAN Link Health Check
 - Bandwidth Allowance Monitor
 - USB 4G LTE/3G Modem Support
 - Support for Dynamic DNS Services
 - IPv6 Support
- LAN**
 - DHCP Server for LAN Clients
 - Extended DHCP Options
 - DHCP Reservation
 - DNS Proxy for LAN Clients
- DNS***
 - Built-in Authoritative DNS
 - Support for A, CNAME, NS, MX, PTR, SOA, SRV, TXT Records
- Advanced QoS**
 - User Groups
 - Bandwidth Reservation*
 - Individual Bandwidth Limit
 - Application Prioritization
 - By User Groups
 - SIP, HTTPS, VPN QoS
 - Custom Application QoS
- Caching**
 - Video Caching
 - iTunes
 - iTunes U
 - TED.com
 - Content Caching
 - HTML
 - JavaScript
 - Image
 - Flash Applications
- Networking**
 - NAT and IP Forwarding
 - Static Routes
 - Port Forwarding
 - Many to One, One to One NAT
 - NAT Pool
 - SIP ALG, H.323 ALG
 - UPnP, NAT-PMP
 - WINS Server
 - BGP, OSPF and RIPv2 support*
- AP Controller**
 - Support for Pepwave AP Series
 - Auto AP Discovery
 - Auto AP Firmware Management
 - AP Profile Configuration
 - Wi-Fi usage statistics
- Load Balancing**
 - Intelligent Failover
 - Session Persistence
 - Per-Service Load Distribution
 - Multiple Algorithms
- Complete VPN Solution**
 - PepVPN/SpeedFusion
 - Site-to-Site VPN
 - Bandwidth Aggregation
 - Intelligent Failover
 - 256-bit AES Encryption
 - Pre-shared Key Authentication
 - Dynamic Routing
 - PPTP VPN Server
 - RADIUS, LDAP Authentication
 - IPsec VPN (Network-to-Network)
- Device Management**
 - Web Administrative Interface
 - Command Line Interface
 - InControl Cloud Management
 - Router Utility Mobile App
 - Email Notification
 - Active Client & Session Lists
 - Bandwidth Usage Statistics
 - Syslog Service
 - SNMP v1, v2c and v3
- Security**
 - Stateful Firewall
 - DoS Prevention
 - Web Filtering Blacklist

*Specifications vary across different models. For the most updated specifications, please refer to our website.



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