

# 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 accelerate 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 $\infty$ .**

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.**

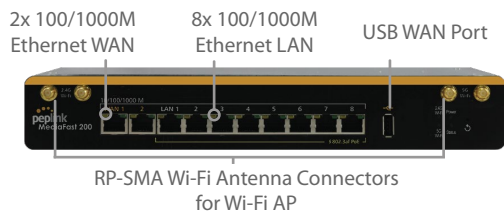
Monitor and manage routers, access points, and other connected devices with InControl 2 and AP Controller. Wi-Fi networks are easy to set up, and you get complete control over your entire wireless and wired network from any compatible web browser.

## Specifications

	Branch Office/Hotspot	School/Campus	
	MediaFast 200	MediaFast 500	MediaFast 750
Product Code	MFA-200-W	MFA-500-B	MFA-750-B
Cache Throughput	200Mbps	1.5Gbps	2.5Gbps
Router Throughput	200Mbps	800Mbps	1.5Gbps
Cache Storage	120GB SSD	500GB SSD	1TB SSD
Recommended Users	25-150	300-1000	500-2000
WAN Interface	2x GE 1x USB Interface	5x GE 1x USB Interface	7x GE 1x USB Interface
Wi-Fi Interface	Simultaneous Dual-Band 802.11a/b/g/n AP	○	○
LAN Interface	8 (GbE) 802.3af PoE Output*	3 (GbE)	3 (GbE)
Video and Content Caching	●	●	●
Multi-WAN Load Balancing	●	●	●
PepVPN	●	●	●
Web Filtering Blacklist	Light	Full	Full
SpeedFusion Hot Failover	● <sup>#</sup>	●	●
SpeedFusion WAN Smoothing	● <sup>#</sup>	●	●
SpeedFusion Bandwidth Bonding	● <sup>#</sup>	●	●
Number of PepVPN/ SpeedFusion Peers	2	50	300
InControl Cloud Management	●	●	●
AP Controller	●	●	●
Maximum No. of AP Supported	50	100	250
Manage Remote AP & Multiple Config Profiles	○	●	●
Operating Temperature	32° – 104°F (0° – 40°C)		

\*PoE Kit is available separately. <sup>#</sup> Available as optional features.

### MediaFast 200



## 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  
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)

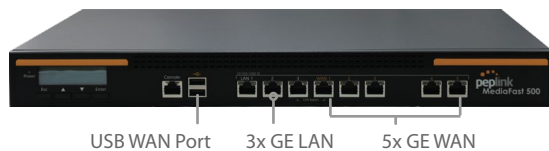
### Device Management

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

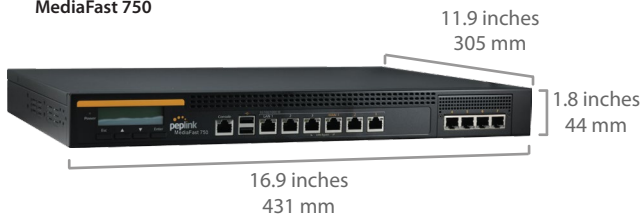
### Security

Stateful Firewall  
DoS Prevention  
Web Filtering Blacklist

### MediaFast 500



### MediaFast 750



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



### United States

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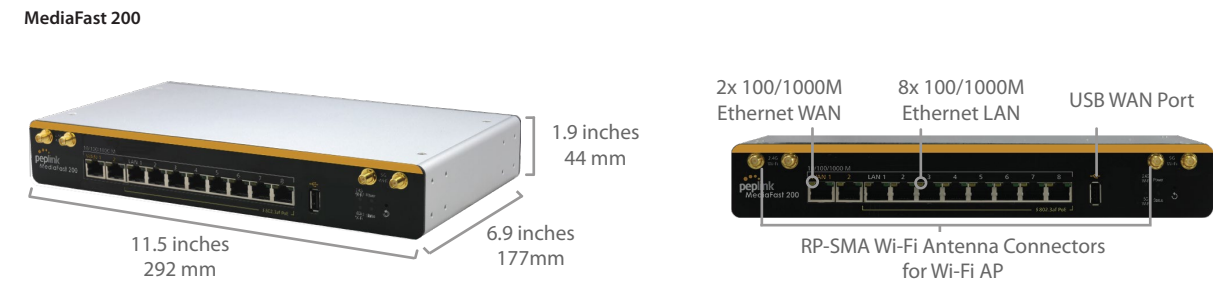
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