Affordable Bandwidth Management, High Performance and Feature-Rich

PacketController represents the new generation of bandwidth management in policy enforcement. It provides all the features you need to control the amount of bandwidth with stunning performance.

The PacketController X10 is a 2RU appliance for 10G networks with available license at 10Gbps and provides a cost-effective yet powerful solution for large size businesses and enterprises.

Hardware Platform Specification

Performance	
License (Full Duplex)	10Gbps
Number of Connections	8,500,000
Number of Subscribers	100,000
Network Interface	
Gigabit Copper	Optional
Gigabit Fiber	Optional
10GE Fiber	2
40GE Fiber	0
Management Copper	2
Hardware Specification	
Processor	Intel 10-core
Memory (ECC RAM)	32GB
Storage	256GB SSD
ASIC Hardware	N/A
Dimensions(W x D x H)	430mm (W) x 509mm (D) x 88mm (H)
Rack Units (Mountable)	2U
Unit Weight	10 kgs
Power Supply	2U Redundant 350W
Heat in BTU/hour	2200
Operating Ranges	Temperature 0° - 40° C	Humidity 10% - 85%

Bandwidth Management

Customizable DPI engine
Automated scaling up/down
Automated pacing
Usage pattern adaptive
Web cache integration
TCP rate limiting
TCP optimization
Asymmetrical Burst
Packet classification
- *IP Address*
- *Port*
- *VLAN*
- *Priority*
- *Protocol*
- *Website*
- *URL*
- *MAC Address*
- *MAC Protocol*
- *ToS*
Dynamic Policy

Network Visibility

Real time network snapshot
Active connections
Protocol Usage
Port throughput/pps/packets/drops
Hosts GEO Location
Real time and long terms throughput

Networking

Layer 2 bridging
One Bridge Multiple Members Mode
Multiple Bridges Multiple Members Mode
Built-in failover/bypass
External bypass switch support

Subscriber Management

Flexible plans
- *Service plan*
- *Time plan*
- *Quota plan*
- *Application plan*
Group/Bandwidth Pool
- *Regular static group/pool*
- *Contention ratio group/pool*
Self-service portal
URL filtering per subscriber
Real time and long-term stats/graph per subscriber

Administration

Web User Interface
Comprehensive Reports and Logs
Role Based Management
Automated report mail delivery