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 X1 is a 1RU single-power appliance for Gigabit networks with available license at 300Mbps, 500Mbps and 1Gbps and provides a cost-effective yet powerful solution for medium size businesses and small enterprises.

Hardware Platform Specification

Performance	
License (Full Duplex)	300Mbps/500Mbps/1Gbps
Number of Connections	1,500,000
Number of Subscribers	15,000
Network Interface	
Gigabit Copper	6
Gigabit Fiber/Copper (Optional)	Quad-Port Fiber Module or Quad-Port Copper Module
10GE Fiber	0
40GE Fiber	0
Management Copper	1
Hardware Specification	
Processor	Intel 4-Core
Memory (ECC RAM)	16GB
Storage	120GB SSD
ASIC Hardware	N/A
Dimensions(W x D x H)	400mm (W) x 300mm (D) x 44mm (H)
Rack Units (Mountable)	1U
Unit Weight	13 kgs
Power Supply	1U single power supply
Heat in BTU/hour	1050

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