

PB100 Packet Broker System

10G/25G/40G/100G | 1U Chassis | 24 Port

Supports Filtering, Aggregating and Load Balancing



The PB100-24 Port is a fully functional Network Packet Broker System (NPB) that is ideal for large and medium size data centers. The PB100-24 is supported by Open Network Ecosystems and seamlessly integrates into open network environments, including OpenFlow and SDN.

There are no additional per-port license fees and it accepts all industry standardized SFP+/QSFP28 pluggables/transceivers. Flexible port speeds (port splitting) can scale according to network needs (10G/25G/40G/100G) and can be changed within the interface menu.

Key Features •

- Supports 10G/25G/40G/100G network speeds
- Uses industry standard SFP/SFP+/QSFP28
- OpenFlow/SDN enabled
- 24 fully supported ports - no additional per-port license fees
- Port splitting functionality
- Supports jumbo frames
- IPv4 and IPv6 support
- Hot swappable
- Dual Power Supplies, AC standard, DC available
- Timestamping - Layer 2 Header
- 64,000 filter rules
- 512 map rules
- 256 Ingress/Egress filters/flows
- Aggregate network traffic to a single or multiple tools
- Session/flow aware load balancing
- Flow replication and port mirroring
- Multi-device stacking
- Forward latency, less than 1uscc

FILTERS HIGHLIGHTS:

- Management filtering: SNMP/Telnet, SSH, MAC, IP (SNMP/Telnet/SSH)
- Filters supported: Filter on, add, remove and modification: MPLS, VLANs, MAC SRC, VXLAN, NVGRE, MLAG, GENEVE, modify load balance L2/L3 hash, nFLOWS, sFLOWS CDRS generation and output to graphs and SNMP traps.
- Stacking of rules supported for advanced filtering functionality

Management

GUI, CLI, Telnet/SSH, TFTP/xmodem/FTP, Port mirroring, sFlow, AAA RADIUS, TACAS+, SNMP, Syslog

APPLICATIONS:

- 100% Visibility for monitoring & performance tools
- High Density filtering, aggregation and load balancing
- Aggregation solution for large and medium size data centers
- Aggregation for enterprise and service provider networks

Competitive Edge

- Open Network Ecosystem support
- Uses industry standard transceivers
- No additional licensing fees
- Full port access
- VLAN tagging and stripping
- MPLS heading stripping




Have Questions?

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Filtering TAP options						
Model #	Ports	Network Speed	40G Port	100G Port	Power Consumption	Watts
PB100G24AC		10/25/ 40/100G	(20) QSFP+	(4) QSFP28	1+1 load sharing AC Power Supplies	190W

Available Pluggables & Cables:	
Model #	Description
QSFP+40GBiDi	QSFP+ 40Gigabit-SR-BiDi Multi-Mode Fiber LC Connector
QSFP+40G	QSFP+ 40Gigabit-SR Multi-Mode Fiber MPO-12 Connector
QSFP+40-LR4	QSFP+ 40Gigabit-LR4 Single Mode Fiber LC Connector
QSFP28-4SFP28-Cable_1	100 Gigabit Ethernet QSFP28 to (4) x 25 Gigabit Ethernet SFP28 Splitter Cable, 1 Meter

1U Chassis Specifications:

Support for: QSFP+, QSFP28, SFP+ (SR, LR, ER)
 Operating Temp.: 0C to 50C / 32F to 122F
 Operating Humidity: 20% to 70% non-condensing
 Airflow: front to back
 Voltage: AC: 100v - 240v 50/60Hz

PB100G24AC Dimensions:

1.75"H x 17.3"W x 18.5"D
 (44.45 mm H x 439.42mm W x 469.9mm D)

Port Configuration

Each port can be individually configured for optimum flexibility

