












Cubro's Network Packet Broker

EX2 | EX5-2 | EX 6 | EX32 | EX32+ | EX 484-3 | EX 48400 | EX 20400

Packetmaster	RJ 45 ports	SFP ports	SFP+ ports	QSFP ports	QSFP28 ports	Filter	UDF	LB	Symmetric LB	Tunnels	Power
 <p>EX2</p>	4	-	2	-	-	2000	-	Yes	-	V,M,G	2 x DC 12 V
 <p>EX5-2</p>	48	-	4	-	-	12000	-	Yes	-	V,M,G	2 x AC 230
 <p>EX-6</p>	-	48	4	-	-	2000	-	Yes	-	V,M,G	2 x AC 230
 <p>EX12</p>	8	8	12	-	-	12000	-	Yes	-	V,M,G	2 x AC 230
 <p>EX32</p>	-	-	32	-	-	up to 64000	Yes	Yes	Yes	V,M,G,VX,NV,GE	2 x AC 230
 <p>EX32+</p>	-	-	32	2	-	up to 64000	YES	Yes	Yes	V,M,G,VX,NV,GE	2 x AC 230
 <p>EX484-3</p>	-	-	48	6	-	up to 64000	Yes	Yes	Yes	V,M,G,VX,NV,GE	2 x AC 230
 <p>EX48400</p>	-	-	48	2	4	up to 64000	Yes	Yes	Yes	V,M,G,VX,NV,GE	2 x AC 230
 <p>EX20400</p>	-	-	4	20	4	up to 64000	Yes	Yes	Yes	V,M,G,VX,NV,GE	2 x AC 230

Symmetric load balancing is a mechanism of interchanging the source and destination addresses to ensure that bidirectional traffic specific to a particular source and destination address pair flows out of the same member of a trunk group.

The G4 PM's supports to „filter“ **user defined field** in packet, but only L3 and I4 types currently.

Example:
| MacDa | MacSa | Vlan | EtherType | Layer3 | Layer4 | Payload |
| <----- L3 UDF Offset -----> |

Example:
| MacDa | MacSa | Vlan | EtherType | IP Header | Layer4 | Payload |
| <--L4 UDF Offset--> |

For I4 user defined field, the system can parse the 4 bytes as user defined field after IP header in packet, maximum offset is 64 bytes.

Supported Tunnels

- V – multiple VLAN
- M – multiple MPLS
- G – GRE en & decapsulate
- VX – VXLAN en & decapsulate
- NV – VNVGRE en & decapsulate
- GE – GENEVA en & decapsulate

Port specifications

- RJ45 - 10/100/1000 Mbit copper
- SFP - 1 Gbit optical/ copper
- SFP+ - 1/10 Gbit optical (copper)
- QSFP - 40 Gbit optical (4 x 10 Gbit)
- QSFP28 - 100 Gbit optical (40 Gbit)