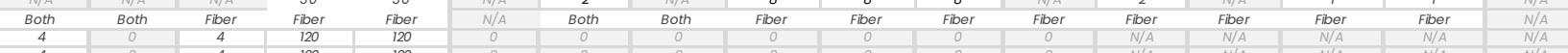
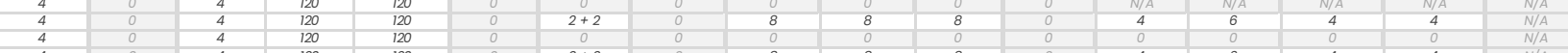
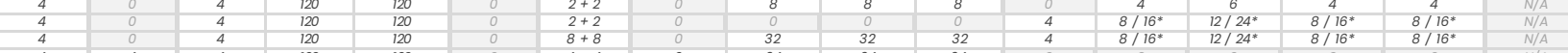
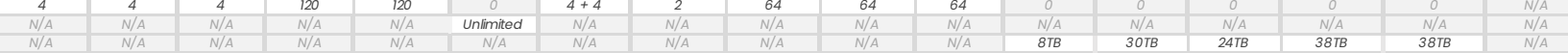
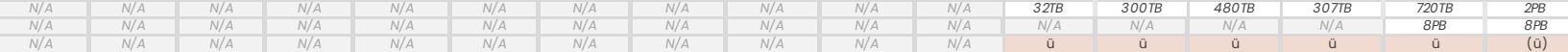
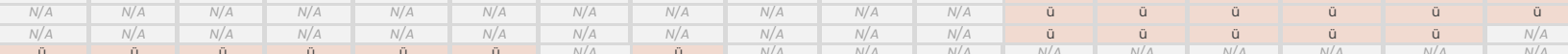
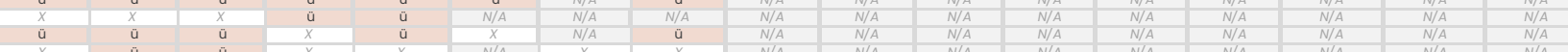
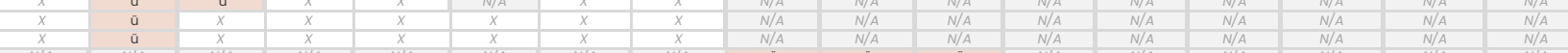
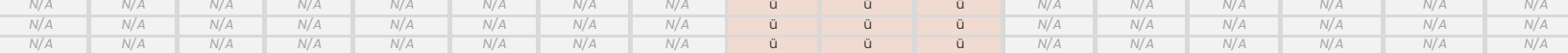
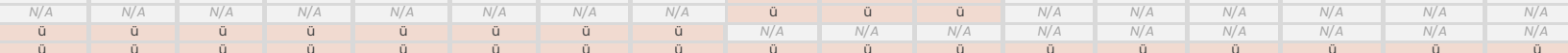
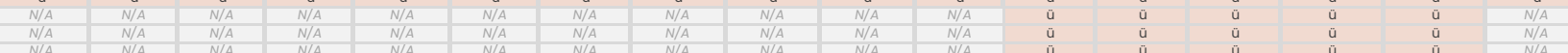
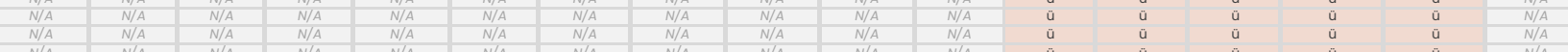
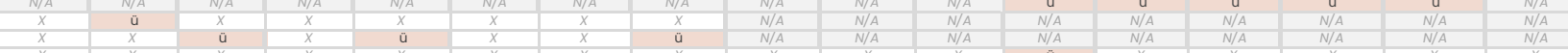
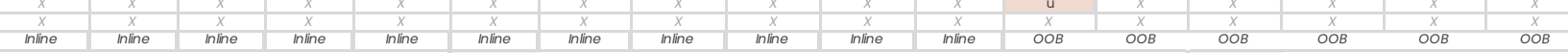
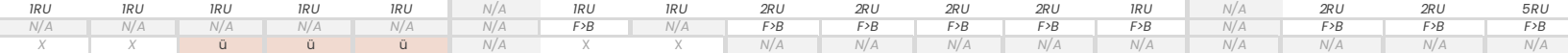
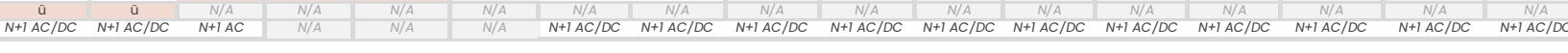


NEOX Products Quick Reference Guide

neoxnetworks.com																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		
																		

* Using breakout box/cables/optics

NEOX Products Quick Reference Guide

neoxnetworks.com		PacketLion Series							PacketTiger Series						Packet Director	PacketWolf Series							
 NEXT GENERATION NETWORK VISIBILITY		Network Packet Broker																			Packet Processing		
																							
		Aggregation							Advanced						Virtual	Mgmt	Advanced						
Key Features & Capabilities		3XL	4L	2L	2M	1L	1M	1S	1XL	2XL/2XXL	1SCR	1M	1SC	Cloud		100	200	400					
Throughput (Max)		25.6Tbps	4.8Tbps	3.2Tbps	3.2Tbps	4Tbps	2Tbps	1.44Tbps	400Gbps	200/400Gbps	10Gbps	5Gbps	5Gbps	Unlimited	N/A	100Gbps	200Gbps	400Gbps					
Non-Blocking Architecture		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	ü	ü					
Line-Rate Performance (No Packet Loss)		ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü	ü	N/A	N/A	ü	ü	ü					
Hardware Acceleration (DPDK)		X	X	X	X	X	X	X	ü	ü	ü	ü	ü	N/A	N/A	X	X	X					
Slots/Modules per Chassis		N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
400G Ports (Max)		32	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A					
200G Ports (Max)		32	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A					
100G Ports (Max)		128*	40	32	32	8	6	0	8	2 / 4	0	0	0	N/A	N/A	N/A	2	4					
50G Ports (Max)		128*	N/A	64*	64*	16*	12*	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A					
40G Ports (Max)		64*	40	32	32	8	6	6	8	2 / 4	0	0	0	N/A	N/A	N/A	2	4					
25G Ports (Max)		128*	80*	128*	128*	32*	24*	48+24*	0	0	0	0	0	N/A	N/A	4	4*	8*					
10G Ports (Max)		128*	80*	128*	128*	32*	24*	48+24*	32	8 / 16	4	2	2	N/A	N/A	4	8*	16*					
10/100/1000 Ports (Max)		0	0	0	0	0	0	0	32	0	5	4	3	N/A	N/A	N/A	N/A	N/A					
Stacking		X	ü	X	X	ü	X	X	ü	ü	X	X	X	N/A	N/A	N/A	N/A	N/A					
Stacking Ports (Dedicated)		N/A	13	N/A	N/A		N/A	N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Virtual Ports (Max)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Jumbo Frames (16K) Support		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	ü	ü					
Traffic Aggregation/Replication		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	N/A	N/A	N/A					
Flow Data (NetFlow/IPFIX) Export		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ü	ü	ü					
Metadata Export (Kafka)		X	X	X	X	X	X	X	ü	ü	ü	ü	ü	X	N/A	X	X	X					
Port Labeling		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	N/A	N/A					
Port Splitting		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	N/A	N/A					
Port Mapping (Ii, NN, Ni, I:N)		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	N/A	N/A					
Load-Balancing (5 Tuple)		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	ü	ü	ü					
Load-Balancing (GTP)			ü											N/A	N/A	ü	ü	ü					
Filtering Rules		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
User-Defined Filters		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Filtering within Tunnel		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
VXLAN/MPLS/VNTag Stripping		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
VLAN Tag Inner VLAN Filtering		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
MAC-in-MAC DC Decapsulation		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	N/A	N/A	N/A					
Header Stripping				ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Packet Slicing/Truncation		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Deduplication		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Data Masking		X	X	X	X	X	X	X		ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Timestamping (nSec)						ü			ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
Timestamping with External PPS		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	X	N/A	N/A	N/A	N/A					
Timestamping with PTP/(NTP)		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	(ü)	N/A	ü	ü	ü					
Time Sync Management PTP/(NTP)		X	X	X	ü	ü	ü	ü	ü	ü	ü	ü	ü	(ü)	N/A	N/A	N/A	N/A					
RADIUS & TACACS+		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
CLI Syslog & SNMP		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	ü	ü	ü					
GUI, Serial Console, and CLI		ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	ü	N/A	N/A	N/A	N/A					
Optical Transceiver Diagnostics		X	X	X	ü	ü	ü	ü	Future	Future	Future	Future	Future	X	N/A	N/A	N/A	N/A					
FIPS Compliance		X	X	X	X	X	X	X	X	X	X	X	X	X	N/A	X	X	X					
TAA Compliance		X	X	X	X	X	X	X	X	X	X	X	X	N/A	N/A	X	X	X					
PacketDirector Central Management		ü	ü	ü	ü	ü	ü	ü		ü	ü	ü	ü	N/A	N/A	N/A	N/A	N/A					
Inline or Out-of-Band Deployment		Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	Inline/OOB	OOB	OOB	OOB	OOB					
Rack Space		1RU	2RU	1RU	1RU	1RU	1RU	1RU	1RU	2RU	1RU	1RU	1RU	N/A	N/A	1RU	1RU	1RU					
Airflow Direction		F>B / B>F	F>B	F>B / B>F	F>B / B>F	F>B / B>F	F>B / B>F	F>B / B>F	F>B	F>B	F>B	F>B	F>B	N/A	N/A	F>B	F>B	F>B					
Power Options > approved		N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N+1 AC/DC	N/A	N/A	N+1 AC	N+1 AC	N+1 AC					