ANIC Features Summary

SPEED	1G	10G	10G	10G	10G/40G	10G/40G	100G	100G	100G	100G
Model	ANIC-2KL ANIC-4KL	ANIC-20Ku	ANIC-40Ku	ANIC-40Kq	ANIC-80Ku	ATLAS-1000 Platform	ANIC-100Ku	ANIC-200Ku	ANIC-200KFlex	ANIC-200Kq
Port/Type	2 X 1G 4 X 1G SFP	2 X 10G SFP+	4 X 10G SFP+	1 X 40G 4 X 10G QSFP+	2 X 40G 8 X 10G QSFP+ SFP+	2 X 40G QSFP 4 X 10G SFP+	1 X 100G CFP4	2 x 100G CFP4	2 x 40G 2 x 100G QSFP28	2 x 100G QSFP28
PCIe Interface	Gen2 x8	Gen3 x8	Gen3 x8	Gen3 x8	Gen3 x8	Gen3 x8	Gen3 x16	Gen3 x16	Gen3 x16	Gen3 x16
Dimensions (H x L inches)	4.25 x 6.25	4.25 x 6.25	4.25 x 6.25	4.25 x 6.25	4.25 x 6.25	1.75 x 12.28 x 14	4.25 x 10.5	4.25 x 10.5	4.25 x 6.5	4.25 x 10.5
Memory	256MB	4G	4G	4G	4G	16/32G	12G	12G	8G	12G
Timestamp	10 nS	5.7 nS	5.7 nS	5.7 nS	5.7 nS	5.7 nS	4 nS	4 nS	4 nS	4 nS
100% Packet Capture	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Gigamon, Arista Timestamp	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet Merging	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet Parsing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tunneling Protocol Processing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet Slicing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet Filtering		✓	✓	✓	✓	✓	✓	✓	✓	✓
Deduplication		✓	✓	✓	✓	✓	✓	✓	✓	✓
Flow Classification		✓	✓	✓	✓	✓	✓	✓		✓
Flow Shunting		✓	✓	✓	✓	✓	✓	✓	✓	✓
Packet Steering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DMA (Direct Memory Access)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multi-core DMA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PF_RING		✓	✓	✓	✓	✓	✓	✓	✓	✓
RMON1 (RFC 2819) Statistics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Onboard Sensors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓