



IntelliFlow-320

Overview

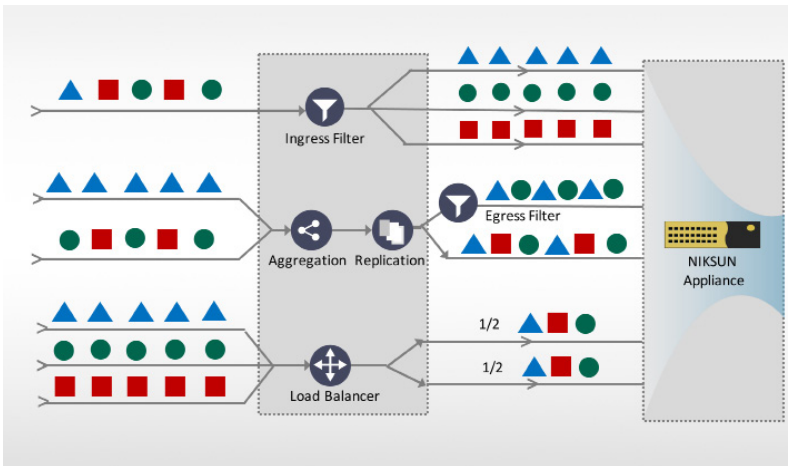
The NIKSUN® IntelliFlow-320 consists of 1U high density, high performance, packet broker.

The IntelliFlow-320 includes up to 32 ports of 10G/25G/40G/100G. IntelliFlow-320 is a network aggregator that is designed for use in both top-of-rack applications or at the network edge. It can be used to optimize port utilization of existing infrastructure or as a stand-alone device in L2-L4 Filtering applications.

It is compatible with multi-source agreement (MSA) compliant pluggable network devices including QSFP, QSFP28, and transceivers. It offers flexible port speeds (port splitting) that can scale according to network needs (10G/25G/40G/100G) and can be changed within the interface.

NIKSUN's Common Use Case

The diagram below represents NIKSUN's common use case, wherein the IntelliFlow-320 can be used for efficient aggregation, replication, filtering, and load balancing of traffic.



Features of IntelliFlow-320



Management

- » User friendly, web based interface
- » Supports TACACS+, RADIUS, SNMP, and NTP

Fabric Flow

Mapping traffic flow relationships between source and destination ports:

- » Aggregate traffic to single port
- » Replicate traffic to multiple ports
- » Tunnel handling – GTP filtering, GRE termination, MPLS filtering and stripping, VXLAN filtering and stripping
- » Flexible load balancing regimes
- » Ingress and Egress filters

IntelliFlow-320 Hardware Specifications

Solution Dimensions

Dimension	Height: 1.75" (43.0 mm) Width: 17.3" (440.0 mm) Depth: 16" (432.0 mm)
Weight	19.5 lbs (8.85 kg)

Power Delivery

Max Power Consumption	337.36 W
Power Dissipation	1151.07 BTU/hour
AC	100V- 240V, 50/60Hz
DC	48 - 60V, 19 - 14 Amp

Operating Environment

Temperature	32°F – 122°F (0°C – 45°C)
Humidity	20% ~ 80%
Altitude	80000 Ft

IntelliFlow-320 Compliance Regulations

Safety: UL/CSA 60950-1, EN 60950-1, IEC 60950-1, CB Scheme with all country differences

Electromagnetic Emissions: FCC Part 15B, ICES 003, EN55032

Immunity: EN55024

Certificates: North America (NRTL), European Union (EU), VCCI (Japan), 2014/35/EU Low Voltage Directive, 2014/30/EU EMC Directive, 2011/65/EU RoHS Directive, 2012/19/EU WEEE Directive

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