



# IntelliFlow-320

## Overview

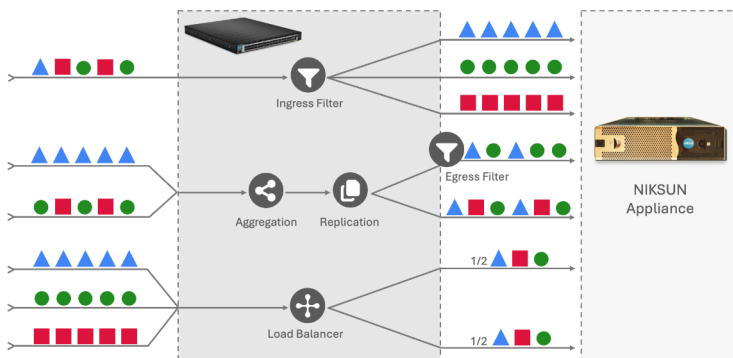
The NIKSUN® IntelliFlow-320 is a 1U high-density, high performance, packet broker that includes up to 32 ports of 10G/25G/40G/100G with extensible options for additional ports.

IntelliFlow-320 functions as a network aggregator for both top-of-rack deployments and network edge environments. It can be used to optimize port utilization across existing infrastructure or deployed as a stand-alone device for L2-L4 filtering applications.

IntelliFlow-320 offers flexible port speeds (port splitting) that can scale according to network needs (10G/25G/40G/100G) and can be changed within the interface. It is compatible with multi-source agreement (MSA)-compliant pluggable network devices, including QSFP/QSFP28 transceivers.

## NIKSUN's Common Use Case

The diagram below illustrates NIKSUN's common use case in which IntelliFlow-320 enables efficient traffic aggregation, replication, filtering, and load balancing.



## 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

Dimensions	Height: 1.71 in (43.5 mm) Width: 17.26 in (438.4 mm) Depth: 21.1 in (536.0 mm)
------------	--

Weight	22.05 lb (10 kg)
--------	------------------

### Power Delivery

Max Power Consumption	550 W
Power Supply	(1+1) redundant 650 W PSU
AC	100 - 240 V, 50-60Hz

### Operating Environment

Temperature	32°F - 113°F (0°C - 45°C)
Humidity	~ 20% - 80%

## IntelliFlow-320 Compliance Regulations

**Regional:** Americas – FCC, UL, IC, ISED; Europe – CE, REACH, ENEC, UKCA, RoHS; Asia Pacific – CCC, C-Tick, SAA, RCM, VCCI, TELEC, PSE, KC  
**Global:** ISO 9001, ISO 14001, ISO 45001, ISO 27001; CB; IEC 60825-1

457 North Harrison Street  
 Princeton  
 NJ 08540  
 USA

t: +1.609.936.9999  
 f: +1.609.419.4260  
 e: info@niksun.com  
 www.niksun.com



**About NIKSUN:** NIKSUN is the recognized worldwide leader in making the Unknown Known. The company develops a highly scalable array of real time and forensics-based cybersecurity and network performance management solutions for large enterprises, government & intelligence agencies, service providers, financial services companies and retailers. NIKSUN's award-winning appliances deliver unprecedented flexibility and packet capture power. The company's patented real-time analysis and recording technology is the industry's most comprehensive solution for secure and reliable network infrastructure and services. NIKSUN, headquartered in Princeton, New Jersey, has sales offices and distributors throughout the US, Europe, the Mid East and Asia-Pacific. For more information, please visit [www.niksun.com](http://www.niksun.com).

NIKSUN, NetDetector and NetVCR are either registered trademarks or trademarks of NIKSUN, Inc. in the United States and/or other countries. Other product and company names mentioned herein may be the trademarks of their respective owners. NIKSUN, Inc. shall not be liable for damages of any kind for use of this information. Copyright © 2026 NIKSUN, Inc. All rights reserved. NK-DS-IntelliF-0126-1.0