



# IntelliFlow-48

HARDWARE DATASHEET

## Overview

The NIKSUN® IntelliFlow-48 consists of 1U high density, high performance, packet broker.

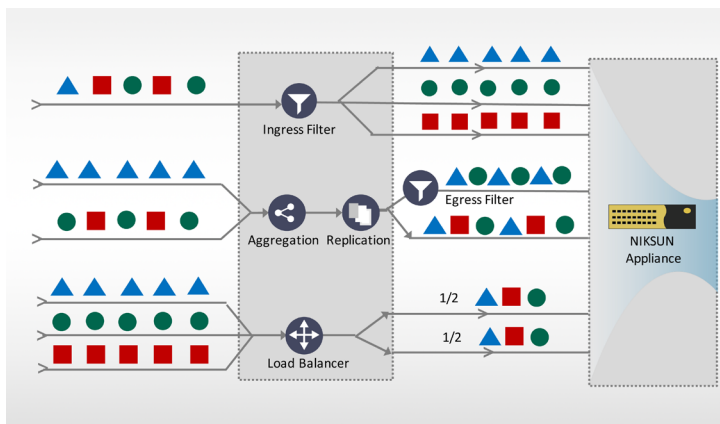
The IntelliFlow-48 includes up to 48 ports of 1/10Gb plus another 6 ports of 40Gb. With the unique software licensing feature, units can be offered with as little as 8 ports of 1/10Gb. Users protect their investment and can grow with the system up to its full capacity of 48 ports of 1/10Gb plus 6 ports of 40Gb, without adding other physical devices or performing a fork-lift upgrade in their deployment.

All ports connect to a non-blocking switching fabric, ensuring that all combinations of ports are supported at full line rate, with no over subscription and with full-switching, line rate connectivity from any port to any port.

The IntelliFlow-48 is a fully featured packet broker that is capable of not only aggregation, but replication, sophisticated filtering, load balancing, tunneling supports and more.

## NIKSUN's Common Use Case

The diagram below represents NIKSUN's common use case, wherein the IntelliFlow-48 can be used for efficient aggregation, replication, filtering and load balancing of traffic.



## Features of IntelliFlow-48



### 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

## Specifications

## Solution Dimensions

Dimension	Height: 1.75" (44.45 mm) Length: 19.29" (490.1 mm) Width: 17.25" (438.15 mm)
Weight	19.5 lbs (8.85 kg)

## Power Delivery

Max Power Consumption	337.36 W
Power Dissipation	1151.07 BTU/hour
AC	90V- 264V, 9.7 Amp
DC	48 - 60V, 19 - 14 Amp

## Operating Environment

Temperature	32°F – 104°F (0°C – 40°C)
Humidity	5% ~ 95%
Altitude	80000 Ft

## Compliance Regulations

IntelliFlow-48

**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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