

Interface Masters

TECHNOLOGIES

Innovative Network Solutions

OVERVIEW

Interface Masters Technologies presents TAHOE 2948-6XL an OCP White Box Switch based on Broadcom's StrataXGS Trident II switching technology with 1.2TB. It supports 48 ports of 10G SFP+ and 6 ports of 40G QSFP+. The system is targeted to be used as 10GbE/40GbE Top of Rack (TOR) or Leaf Switches. It is designed to be compatible with 19" Enterprise Rack specifications.

The TAHOE 2948-6XL platform is designed for maximum flexibility in a 1U form factor. This platform can support multiple CPU and mass storage options including x86 and PowerPC.

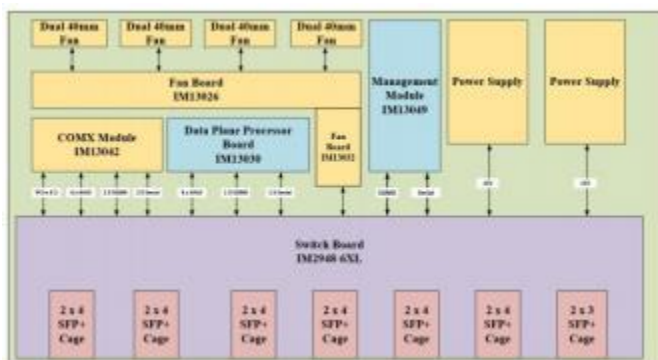
Software configurations include white box with ONIE, complete SDK for custom development. Interface masters proudly designs and manufactures our products in USA. For a complete list of factory options and services, please contact Interface masters.



Tahoe 2948-6XL ISO View

Product Features

- Broadcom Trident II StrataXGS
 - 48 ports of 10GbE SFP+
 - 6 ports of 40GbE QSFP+
- Multiple Control Plane processor options
 - x86 and PowerPC
- Data plane processor option
- Dual redundant power supplies
 - 1+1 redundant, hot swappable power supplies
 - AC and DC options
- Field replaceable fans
 - 4 dual hot swappable fan assemblies
 - Air flow front to back or back to front
- Management Interfaces
 - RS232 CLI interface
 - 10/100/1000 management port
 - Optional USB Port
- Lower OPEX with high efficiency power conversion
 - High efficiency internal components
 - High efficiency AC/DC and DC/DC power supplies



Block Diagram of Tahoe 2948-6XL

ENVIRONMENTAL	
Operating Temperature	0° to 40 °C (32° to 104°F)
Operating Humidity	5 to 95%, non-condensing
Typical Power-Direct Attached Cable	211 Watts
Maximum Power- Direct Attached Cable	282 Watts
Airflow	100 LFM

ORDERING INFORMATION	
Part Number	Description
Tahoe 2948-6XL	48 ports 1G/10G SFP+ 6 ports of 40G QSFP+
Form Options	Control Processor Data Plane Processor Memory Mass Storage 1+1 redundant AC/DC and DC/DC power supplies

DIMENSIONS		
	Inches	Millimeter
Length	19.5	495.3
Height	1.72	43.7
Width	17.3	439.4

CUSTOMIZATION SERVICES

Hardware, Firmware, Linux O/S and application code development services available.



ABOUT INTERFACE MASTERS TECHNOLOGIES, INC.

Interface Masters Technologies is a leading provider of high-speed networking solutions focused on 1/10 /25/40/100/200 Gigabit Ethernet networking solutions. For over 25 years, Interface Masters Technologies has been providing innovative networking solutions with customization services to OEMs, large enterprises and sophisticated end users. Interface Masters Technologies provides Ethernet switches, appliances, server adapter cards with high port density, networking offload and bypass functionality. Company headquarters are located in San Jose, CA with satellite offices in Hong Kong and Europe.