Interface Masters
TECHNOLOGIES
Innovative Network Solutions

Tahoe 2932-XL ISO View

OVERVIEW

Interface Masters Technologies presents TAHOE 2932-XL OCP White Box Switch is a flexible 40GbE switch system based on Broadcom's StrataXGS Trident II switching technology with 1.2TB. The system is targeted to be used as 40GbE End of Row or Spine switches. It is designed to be compatible with 19" enterprise rack specifications.

The TAHOE 2932-XL platform is designed for maximum flexibility in a 1U form factor. This platform supports multiple control plane CPU options including x86 and PowerPC. Customization services are offered.
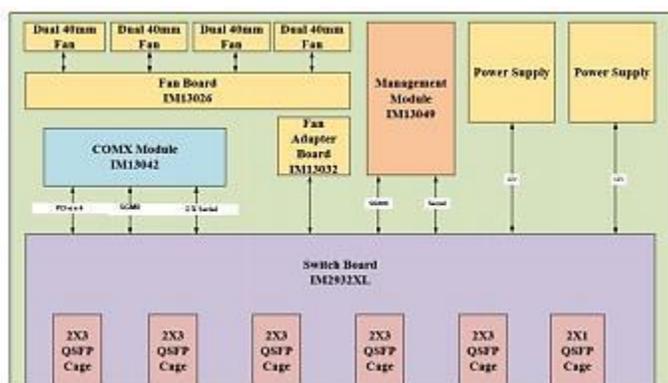
Software configurations include white box with ONIE, complete SDK for custom development. Interface Masters proudly designs and manufactures our products in the USA. For a complete list of factory options and services, please contact Interface Masters.

PRODUCT FEATURES

- Broadcom Trident II StrataXGS
    - 32 ports of 40GbE QSFP+
- Multiple Control plane processor options
    - x86 and PowerPC
- 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 2932-XL

ENVIRONMENTAL

Operating Temperature	0º to 40 ºC (32º to 104ºF)
Operating Humidity	5 to 95%, non-condensing
Typical Power-Direct Attached Cable	211 W
Maximum Power-Direct Attached Cable	282 W
Airflow	100 LFM

ORDERING INFORMATION

Part Number	Description
Tahoe 2932-XL	32 ports of 40G QSFP+
Options	Control Processor Memory Mass Storage 1+1 redundant AC/DC and DC/DC power supplies Custom Configurations

DIMENSIONS

	Inches	Millimeter
Length	19.5	495.3
Height	1.72	43.7
Width	17.25	438.15

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.

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