



**Adam Tas Corridor Energy**

# **Manufacturer s core switch 1 6T**





## Overview

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Built for hyperscale AI/ML clusters, it enables high-radix scalability, advanced load balancing, and congestion management. 4Tbps bandwidth, purpose-built to support AI backend networks for scale-up and scale-out networking. New Taipei, Taiwan, May 19, 2025 - UFISPACE, a global leader in open networking solutions, has partnered with GIGABYTE to exhibit advanced data center switches at COMPUTEX 2025 (Booth No: K0802, Taipei Nangang International Exhibition Center, Hall 1). 6T WITH 200G PER LANE Amphenol's 200G/lane optical modules support DR4, FR4, 2×DR4, 2×FR4, AOC, and breakout AOC configurations with LC or MPO ports, ideal for 800G/1. Incorporating the groundbreaking Broadcom Tomahawk® 6 (BCM78914) silicon, it delivers an industry-leading 102.



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### Marvell Ushers In the 1.6T Era with Expanded Optical

With these new 1.6T offerings and an unmatched breadth and depth of expertise--and offering a full connectivity stack including industry-first DSPs,

### Source Photonics and Delta Electronics Join Force to demo 1.6T

Delta's DC-90640 is a 102.4T Ethernet switch for the 1.6TbE generation, offers 224G/lane signaling, delivering ultra-low latency and exceptional thermal efficiency for AI and GPU based ecosystems.



### 1.6T OSFP Transceivers , Optical Transceivers , Amphenol

Amphenol's 1.6T OSFP transceiver delivers 200G per lane to support advanced 800G and 1.6T Ethernet applications, enabling high-speed, high



### Cisco Catalyst 2960-X and 2960-XR Series Switches

This data sheet describes the benefits, specifications, and ordering information for the



Cisco Catalyst 2960-X Series Switches.



### Alpha Networks Inc. (via Public) / Alpha Networks Adopts Latest

Alpha Networks Adopts Latest Broadcom TH6 Chip for 1.6T Liquid-Cooled Switch Supporting the Deployment of AI Data Centers and Next-Generation Core Networks Read this

### MikroTik · CCR2216-1G-12XS-2XQ

Product code CCR2216-1G-12XS-2XQ Suggested price \$2,795.00 Architecture ARM 64bit CPU AL73400 CPU core count 16 CPU nominal frequency 2000 MHz CPU



### Alaska® A 1.6T PAM4 DSP for Active Electrical Cable (AEC)

The Alaska® A 1.6T (MV-CHA1600NV) is a PAM4 DSP retimer for 1.6T active electrical cable (AEC) applications.





## AIS1600-640

The Edgecore AIS1600-640 is a 64-port 1.6T AI switch powered by Broadcom Tomahawk 6, delivering 102.4 Tbps capacity with sub-microsecond latency. Built



## 1.6T-OSFP224-AI and Data Center Networking

1.6T-DR8 OSFP224 based on 8 channels of 200G-PAM4 electrical and optical parallel lanes, 500m maximum reach via single mode fiber, case temperature

## UfiSpace and GIGABYTE Unveil 1.6T Open Networking Switches

Featuring state-of-the-art Broadcom chipsets, these switches offer capacities ranging from 200G to 1.6T. Integrated into GIGAPOD cluster computing platforms, the joint display highlights



## 1.6T Ethernet Protocol Explained: Specs & IP

We explore the new 1.6T ethernet protocol, and explain how both data centers and edge computing benefit from expanded data bandwidth for AI,



### **1.6T Transceivers Explained: Advantages, Types & FS**

This article explains how this new 1.6T rate emerged, what the technical principles and key features of 1.6T optical modules are, the major



### **1.6T Transceivers for AI & HPC: LINK-PP Solutions Global**

This article provides a comprehensive explanation of how the 1.6T rate emerged, the technologies that enable it, the major module types, and how LINK-PP delivers supply-chain-ready

### **Semiconductor & System Solutions , Infineon Technologies**

Infineon Semiconductor & System Solutions - MCUs, sensors, automotive & power management ICs, memories, USB, Bluetooth, WiFi, LED drivers, radiation h





### **AIS1600-640**

The Edgecore AIS1600-640 is a 64-port 1.6T AI switch powered by Broadcom Tomahawk 6. Delivering 102.4 Tbps capacity and sub-microsecond latency, it eliminates bandwidth bottlenecks for next-gen

### **Networking Switches , Celestica**

DS6000 is a 64-port 1.6TbE switch in a 3U form factor targeted for 19-inch racks that provides 102.4Tbps bandwidth, purpose-built to support AI backend networks for scale-up and scale-out



### **1:16 CORE & WIRE Transformer, 0.03**

Mini-Circuits is a global leader in the design and manufacturing of RF, IF, and microwave components from DC to 86GHz.

### **Switches: Support and Downloads**

Cisco Category page for supported Switches - Support Documentation, Downloads, and End-of-Life status.





### **1:1 CORE & WIRE Transformer, 0.015**

RF & Microwave Products > Transformer T1-6T-KK81+ 1:1 CORE & WIRE Transformer, 0.015 - 300 MHz, 50Ohm Generic photo used for illustration purposes

### **Alpha Networks Unveils 1.6T Liquid-Cooled Switch at COMPUTEX**

Alpha Networks Unveils 1.6T Liquid-Cooled Switch at COMPUTEX 2025 Powering the Future of Core Network Infrastructure Alpha Networks Inc. (TWSE: 3380), a leading provider of



### **Company**

Marvell's 1.6T Ethernet PHY solution, the 88X93160, enables next-generation 100G serial-based 400G and 800G Ethernet links for high-density switches. The doubling of the signaling rate

### **1:1 CORE & WIRE Transformer, 0.015**

RF & Microwave Products > Transformer T1-6T-X65+ 1:1 CORE & WIRE Transformer, 0.015 - 300 MHz, 50Ohm Generic photo used for illustration purposes only.





### **1:16 CORE & WIRE Transformer, 0.03**

RF & Microwave Products > Transformer  
T16-6T+ 1:16 CORE & WIRE Transformer, 0.03 - 75 MHz, 50Ohm Generic photo used for illustration purposes only. Data, Drawings & Downloads

### **1.6T DR8/DR8+/2xDR4/2xDR4+ OSFP PAM4 Optical Transceiver**

Optical Transceiver Jabil 1.6T DR8/DR8+/2xDR4/DR4+ (Data Center Reach 8-lane) OSFP PAM4 Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted

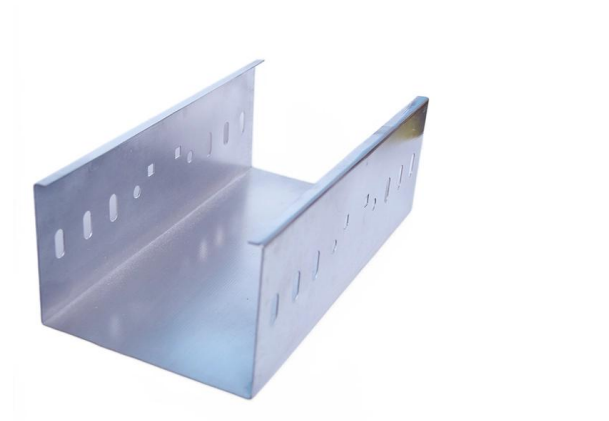


### **Beyond Speed: The Technical Hurdles of 1.6T Optical Transceivers**

Technical hurdles of 1.6T optical transceivers include signal integrity, power, and cooling, driving a connector revolution for reliable high-speed networks.

### **1.6T 2xFR4 OSFP PAM4 Optical Transceiver**

Optical Transceiver Jabil 1.6T 2xFR4 OSFP PAM4 Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted for use in optical interconnects for data



## Contact Us

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