FORMAT
IMPOSSIBLE BECOMES REALITY

4TEX-11B-48_6FB AR

Innovative Datacenter Switch, 48 x 10GE SFP+ & 6x40GE QSFP+ Ports

High-density, datacenter optimized server switching.

The demand for bandwidth is ever increasing, requiring datacenters to continually enhance the density of their networking environments. The **4TEX-11B-48_6FB AR** switch is a datacenter-class 10GE/40GE switch product designed to meet customers' large capacity data switching needs with superior performance and unsurpassed reliability. By providing a high number of 10GE and 40GE ports in a single compact switch, the **4TEX-11B-48_6FB AR** makes automation and orchestration easier than ever, simplifying datacenter network infrastructure through its innovative architecture and extensive datacenter-ready features.

Key applications

- High-density 10/40GE ToR server aggregation for high-performance datacenter environments.
- Enables cost-effective application of 10/40GE uplinks through small-scale implementation in Spine-Leaf networks.
- VXLAN/NVGRE capable hardware supporting virtual machine mobility.
- Extensive transition technologies for IPv4, IPv6, and dual stack management functions.
- Superior management and security through console and out-of-band interface options.
- High-speed Layer 2 deployment support to connect nonvirtualized infrastructure with hypervisor-based overlay networks.

Key features

- 48 x 10GE SFP+ & 6 x 40GE QSFP+ ports for down-linking and uplinking capability.
- Modular dual power supply and fan assembly with overcurrent, overvoltage, and overheating protection.
- Next-generation spine-leaf network architecture, enhancing capacity and optimizing scaling.
- CPU: Intel® Rangeley C2558 2.4G 4-Core.
- Specifically designed for utilization in high-performance datacenter environments.
- Hot and cold backup switching without system reboot or reconfiguration ensuring uninterrupted data processing and operation.

FORMAT
IMPOSSIBLE BECOMES REALITY

FORMAT Sp. z o.o.
ul. Czereśniowa 130, 02-456 Warszawa
phone: +48 22 463-52-00
mail: handlowy@format.com.pl

Technical Specifications

4TEX-11B-48_6FB AR	
Form Factor	1U
Role	10GbE Leaf ToR
10Gb ports	48
40Gb ports	6
ONIE	Yes
Pre-loaded NOS	ICOS
ICOS	Yes
SONiC	No
OpenSwitch	Yes
NoviFlow Noviware	No
ASIC / Silicon	Broadcom BCM56854 (Trident 2)
Switching capacity - bidirectional, Gbps	1440
Switching capacity - one-way, Gbps	720
Packet throughput, Mpps	1070
PSU W	550
PSU n°	2
RPS	Yes
Processor	Intel Rangeley C2558 2.4Ghz 4-core
Memory	8GB w/ ECC SODIMM DDR3
Storage	M.2 SSD 64GB

Airflow	Rear to Front or Front to Rear; Front side is the port side
Power Consumption Typical	285W
Power Consumption Max	370W
Input power	100V-240V, 60/50Hz
Max. Operating temperature	45°C
Weight	9.68 kg
Transceiver	1GbE SR SFP
	1GbE LR SFP
	10GbE SR SFP+
	10GbE LR SFP+
	40GbE SR4 QSFP+
	40GbE LR4 QSFP+
Dimensions (w x h x d) mm	440 x 44 x 406
Regulatory compliance	
EMC	EN55032 Class A EN61000-3-2/EN61000-3-3 EN55024 FCC P15B Class A BSMI (CNS 13438) Class A CCC (GB9254) Class A RoHS: RoHS 6 UL
Safety	IEC/EN 60950-1/A2 BSMI (CNS 14336-1) CCC (GB4943)