

# **Solution Network Security Appliance QSFP28**





## Overview

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It supports 2x 100GbE QSFP28 ports, providing high-speed network connectivity for data-intensive applications. It offers all-around security with optional TPM and a bypass function, with the latter available through our PNC series of OCP NIC 3. SFP, SFP+, SFP28, QSFP+, and QSFP28 modules are often seen as simple accessories. They represent the physical layer that allows firewalls, switches, and servers to communicate with each other. Maximize your HPE Networking Comware Switch Series 5960 High-performance, high-density, and backward-compatible switch with varied 400/200/100G connectivity options. OS Comware v9 offers enhanced software features such as Segment Routing MPLS, SR-V6, PTP/SyncE, egress ACL, egress rate limiting, and. Types of transceiver modules and network cables

Transceiver module type	Connector
QSFP28 module (transceiver)	QSFP28
optical transceiver module	MPO 12-strand or LC 2-strand
QSFP28 DAC (copper cable for interconnecting devices)	1 - 5m.

QSFP28 (Quad Small Form-Factor Pluggable 28) enables 100G transmission by aggregating four parallel 25G electrical lanes, delivering an optimal balance of bandwidth efficiency, power consumption, and deployment flexibility.



## **Solution Network Security Appliance QSFP28**

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### **2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (Fan-out) / 4x**

High performance network forensics, capture and analysis appliance with 2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (Fan-out) / 4x 1G/10G/25G SFP28. Intel Xeon CPU, 512 GB RAM, 720 TB SSD

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## **2 SmartNICs w/1: 2x 40G QSFP+ / 8x 10G (F.-out)2: 2x**

2 SmartNICs w/ 1: 2x 40G QSFP+ / 8x 10G (F.-out) 2: 2x 100G QSFP28 / 40G QSFP+ 2x 25G (Adapter) 8x 10G (Fan-out) For optimal and secure IT service

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Dual, redundant, hot-swappable power supplies maintain a dynamic and highly available network. Supports HPE IMC for a consistent network manageability

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## **Advanced PacketProcessing Appliancebis zu 4x 100G**

Advanced Packet Processing Appliance bis zu 4x 100G QSFP28 Der NEOXPacketWolf ist dank seiner FPGA-basierten Architektur die ideale Plattform

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## **PNSR-5002, 1U Network Appliance based on Intel®**

Product - 1U Network Appliance based on Intel® Xeon® 6 SoC (codenamed Granite Rapids-D) Featuring Onboard 2x100GbE QSFP28, 2x OCP NIC 3.0 slots and BMC

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## **QSFP28 Archives**

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## **2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (Adapter) / 8x 10G (Fan-out)**

High performance network forensics, capture and analysis appliance with 2x 100G QSFP28 / 2x 40G QSFP+ / 2x 25G (Adapter) / 8x 10G (Fan-out). Intel Xeon CPU, 512 GB RAM, 90 TB SSD Stand

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## **PNSR-5002, 1U Network Appliance based on Intel®**

It supports 2x 100GbE QSFP28 ports, providing high-speed network connectivity for data-intensive applications. It offers all-around security with optional TPM and a

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## **2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (Fan-out) / 4x**

High performance network forensics, capture and analysis appliance with 2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (Fan-out) / 4x 1G/10G/25G SFP28. Intel Xeon CPU, 512 GB RAM, 180 TB SSD

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## **The Ultimate Guide to QSFP Cables , Types, Benefits**

Explore the ultimate guide to QSFP cables. Learn QSFP types, differences from SFP, installation methods, and benefits for high-speed data

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Fortinet delivers cybersecurity everywhere you need it. We secure the entire digital



attack surface from devices, data, and apps and from data center to home office.

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## **PacketFalcon Compact - Packet Capture Appliance up**

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## **Fortinet FortiGate FG-2600F Network Security/Firewall Appliance**

Fortinet FG-2600F-BDL-809-12 for \$96,855.22 - Fortinet Fortigate Fg-2600f Network Security/firewall Appliance - 16 Port - 1000base-x, 40gbase-x, 1 Fg2600fbdl80912 at

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## **FortiGate 6000F series hardware description , FortiGate-6000**

The FortiGate 6000F series is a collection of 3U 19-inch rackmount appliances that include twenty-four 1/10/25GigE SFP28 and four 40/100GigE QSFP28 data network interfaces, as well as NP6 and CP9

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## **QSFP28 optical transceivers , Smartoptics**

By providing four lanes of 25G, QSFP28 enables a streamlined upgrade path from lower-speed networks, making it a popular choice for scaling data center



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## **Packet Processing Appliance - Your Solution Provider for Network**

Network Packet Broker PacketLion PacketTiger - Appliance PacketTiger - Virtual PacketWolf - Packet Processing PacketDirector - Management Packet Capturing PacketFalcon Mini PacketFalcon Mini X

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## **What Is QSFP28? A Clear Explanation of 100G Transceivers**

Learn what QSFP28 is, how 100G transceivers work, key standards, module types, and common deployment scenarios in modern data center networks.

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## **1 SmartNIC w/2x 100G QSFP28 / 2x 40G QSFP+2x 25G (Adapter)8x**

1 SmartNIC w/ 2x 100G QSFP28 / 2x 40G QSFP+ 2x 25G (Adapter) 8x 10G (Fan-out) For optimal and secure IT service delivery, IT security teams must have permanent access to detailed traffic analysis.

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High performance network forensics, capture and analysis appliance with 2x 100G QSFP28 / 2x 40G QSFP+ / 8x 10G (Fan-out) / 4x 1G/10G/25G SFP28. Intel Xeon CPU, 512 GB RAM, 360 TB SSD

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## **Advanced Packet Processing Appliance up to 2x 100G QSFP28 - Your Solution**

Advanced Packet Processing Appliance up to 2x 100G QSFP28 Thanks to its FPGA-based



architecture, the NEOX PacketWolf is the ideal platform for advanced packet processing of network data up

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## **SFP, SFP+, SFP28, QSFP+, QSFP28: Choosing the Right**

A Practical Guide to SFP, SFP+, SFP28, QSFP+, and QSFP28 Transceivers When designing a network, most decisions naturally focus on the big elements: which firewall to deploy,

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Network Security Appliance and Solution As more business operations rely on computers for productivity, an enterprise has to take all necessary safeguards to

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## **100G Multimode QSFP28 - Advance Technology**

Enable fibre optic transmission on your network switches, routers, storage and security appliances and more. The Advance 100G QSFP28 Module is fully tested

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## **100G QSFP28 Cable and Transceiver Modules Data Sheet , FS**

This bidirectional unit must be used with another transceiver or network appliance of complimenting wavelengths. Digital diagnostics functions are also available via the I2C interface, as specified by the

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## **What is QSFP & QSFP28 Port? Everything You Need to**

What is QSFP28 Port A QSFP28 port still has the same specific appearance and size as a QSFP 40G port. Therefore, you can not even see any



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