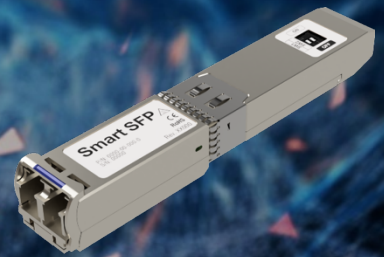# PlumSpace

Smart SFP Router

Router, Firewall, VPN

Smart SFP Router is a Linux-based router in an SFP package with a high-performance ARM processor. The router is designed to provide a wide range of network functions and protocols for network sites.

It is flexible in its applications and can be very useful at remote sites or branch offices that don't have a fully-featured router and only operates with an Ethernet switch. Placing the Smart SFP Router with the required Linux package provides a small router, VPN client or a firewall to the site.
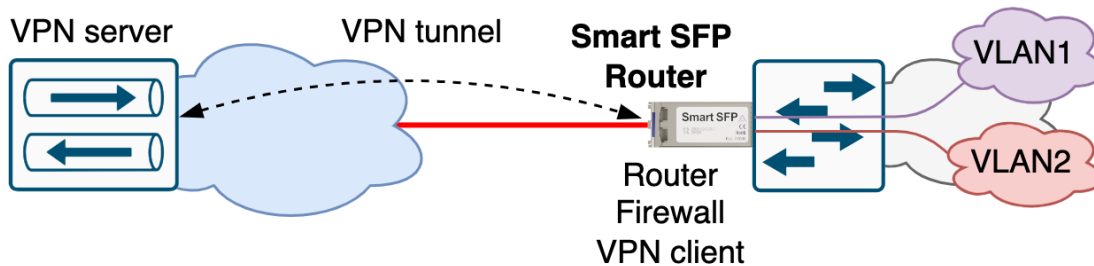
It's easy to plug into SFP or SPF+ ports of any switch. It delivers significant OpEx savings by eliminating additional power, space and cabling costs while providing exactly the necessary functionality.

Applications:
- Router
- BGP route reflector
- VPN
- Firewall
- Overlay
- uCPE

Key features:
- 1 Gbps software only packet processing
- Linux networking stack
- DPDK
- XDP/eBPF

In-line installation as a router and a VPN client at the remote site

Features:
- VLAN, Q-in-Q
- Routing
- VPN
- MPLS
- VRF
- MACSec
- Tunneling (GRE, IPinIP)
- Overlay (VXLAN, GENEVE)
- Bridging
- Firewall

Software:
- Debian
- Linux kernel
- DPDK
- XDP/eBPF

Hardware:
- CPU: Marvell Armada 3720, ARMv8, 2 cores, 1 GHz
- RAM: DDR4 1 GB
- Flash: eMMC 4 GB

General:
- Digital Diagnostics Monitoring (DDM)
- Inline and out-of-line installation
- SFP MSA compliant
- Multi-vendor compatibility
- LED status indicator
- Industrial temperature

Ordering information

Intelligent SFP module, ARMv8 CPU, Gigabit Ethernet, DDM, 1310 nm, 20 km, 2xSMF, LC

Find out more: plumspace.com, info@plumspace.com   We are open for partnership