

CUSTOMER PREMISES EQUIPMENT • 10G MANAGED ROUTER

Vorco XG Router

A fanless 10-gigabit edge router built for fibre connections. The XG delivers line-rate routing, hardware-accelerated VPN, and dual-WAN resilience in a silent 1RU chassis, supplied preconfigured and managed by Vorco.

ROUTING
THROUGHPUT

10 Gbps

VPN
THROUGHPUT

10 Gbps

10G
PORTS

2 × SFP+

FORM
FACTOR

1 RU

KEY FEATURES

10G Line-Rate

Full 10 Gbps line-rate forwarding on a robust Intel processor, with headroom for Hyperfibre tiers.

Hardware-Accelerated VPN

Intel QuickAssist Technology offloads encryption for 10 Gbps IPsec VPN throughput.

Dual-WAN Resilient

Two independent WAN inputs with automatic failover for High Availability services.

Fanless & Silent

Passively cooled design with no moving parts, suited to offices and quiet comms rooms.

Dual-Stack IPv4 + IPv6

Native IPv4 and IPv6, advanced routing protocols, and advanced QoS for business traffic.

Preconfigured & Managed

Ships ready to plug in, tuned to your Vorco plan, with NZ-based engineering support.

IDEAL FOR

- Sites on Business Pro or DIA that need a capable future-proofed router
- Connections at or scaling toward 2 Gbps or 4 Gbps Hyperfibre tiers
- Businesses running site-to-site IPsec VPNs that must keep pace with the access link
- Dual-WAN deployments and terminating a Vorco High Availability service
- Offices and comms rooms where a silent, fanless appliance is preferred

HARDWARE SPECIFICATIONS

Processor	Intel x86 multi-core processor with Intel QuickAssist Technology (QAT) for crypto offload
Routing throughput	Up to 10 Gbps line-rate forwarding
VPN throughput	Up to 10 Gbps IPsec, hardware-accelerated via QAT
WAN / LAN ports	2x 10G SFP+ and 4x 1G RJ45 (1000BASE-T)
Cooling	Fanless, passively cooled; no moving parts
Form factor	Compact 1RU rack-mount chassis
Operating temperature	0 to 40 °C
Operating system	Hardened Linux-based Vorco-managed router image

ROUTING & SECURITY FEATURES

IP support	Dual-stack IPv4 and IPv6
Routing	Static and dynamic routing protocols
Dual-WAN	Two WAN inputs with automatic failover for High Availability services
VPN	Hardware-accelerated IPsec for site-to-site and remote access
Quality of Service	Advanced QoS with class-based traffic prioritisation
Firewall	Stateful firewall and NAT
Management	By Vorco; remote monitoring and managed updates

PLAN COMPATIBILITY

High Availability	Recommended CPE; dual-WAN supports primary and failover paths
Dedicated Internet Access	Supported on all tiers from 10 Mbps to 10 Gbps
Business Pro	Supported on all tiers, including 2 Gbps and 4 Gbps Hyperfibre

ORDERING & INSTALL

Supply Shipped preconfigured to your Vorco plan; plug into the ONT and power on, on-site installation available at additional cost.

Lead time Dispatched alongside your connection order, or as a standalone upgrade.

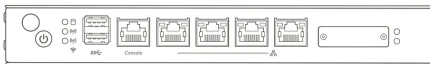
Support Vorco-managed with remote monitoring and firmware updates included.

Talk to a specialist

Our team can determine how the XG fits in with your network and requirements.

0800 4 VORCO • sales@vorco.net

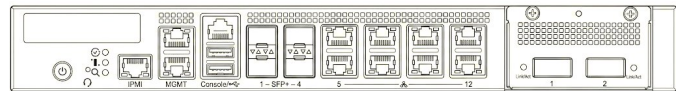
HARDWARE CONFIGURATIONS



XG

Power supplies 1x AC

Routed ports 2x 10GbE SFP+
4x 1000BASE-T RJ45



XG-DP

Power supplies 2x DC, redundant

Routed ports 4x 10GbE SFP+
2x 2.5GbE RJ45
8x 1000BASE-T RJ45

GLOSSARY

CPE Customer Premises Equipment (router / modem)

NAT Network Address Translation

QAT Intel QuickAssist Technology, crypto hardware offload

RU Rack Unit, 44.45 mm of rack height

VLAN Virtual LAN, layer-2 traffic segmentation

WAN Wide Area Network, connecting sites across locations

IPsec Internet Protocol Security, encrypted VPN protocol

ONT Optical Network Terminal, the fibre modem on site

QoS Quality of Service, class-based prioritisation

SFP+ Enhanced small form-factor pluggable, 10G optical port

VPN Virtual Private Network

XGS-PON 10 Gigabit Symmetric PON, used for Hyperfibre