

VigorSwitch Q1070x

**5-Port 2.5GbE Switch with 2 x
10Gbps SFP+ Uplink Ports**



Datasheet

Product Overview

The VigorSwitch Q1070x is a compact, high-performance Smart Lite switch, featuring 5 x 2.5 Gigabit RJ-45 Ethernet ports and 2 x 10 Gigabit SFP+ ports. The 2.5GbE ports provide high-speed connectivity for network-attached storage (NAS), workstations, servers, and other network devices, while the 10Gbps SFP+ ports offer ultra-fast fibre uplinks to routers, switches, and core network infrastructure.

Designed for modern business networks, the VigorSwitch Q1070x delivers multi-gigabit performance in a compact, low-power and fanless design. Its silent operation and wall-mountable metal enclosure make it ideal for small offices, retail environments, meeting rooms, and space-constrained installations.

Key Features & Benefits

2.5 Gigabit Ethernet Ports

Upgrade your network with 2.5GbE connectivity, delivering higher throughput and increased bandwidth compared to standard Gigabit Ethernet. Connect more high-performance devices while maintaining smooth and reliable network operation.

Benefits: Ideal for multi-gig access points, network storage, large file transfers, and high-performance business network environments.

SFP+ 10GbE Ports for Uplink / Fibre

Utilise ultra-fast, high-bandwidth fibre uplinks to connect to core networks, servers, NAS storage, or other switches with 2 SFP+ ports supporting up to 10Gbps connectivity. Enable faster data transfers between your device and external network infrastructure.

Benefits: Fast integration with existing network infrastructures and supporting high-volume data transfers.

Compact Form Factor

Designed with a compact metal enclosure, the VigorSwitch Q1070x provides reliable network performance while fitting easily into smaller office environments and space-constrained installations.

Benefits: Flexible deployment options with wall-mount capability and a compact footprint that helps maximise available workspace.

Fanless & Silent Operation

Engineered with a fanless cooling design, the VigorSwitch Q1070x operates silently while maintaining reliable network performance. Ideal for offices, meeting rooms and other noise-sensitive environments.

Benefits: Quiet operation, improved reliability and lower maintenance requirements.

Key Specification

- 5 x RJ-45 2.5 Gigabit Ethernet Ports (2500/1000/100/10)
- 2 x SFP+ 10GbE Ports for Uplink / Fibre
- Compact form factor
- Wall Mountable
- Fanless (Silent) Operation
- Low Power Consumption

VigorSwitch Q1070x Models

UK Product Code	EAN	Product Name	Product Description
VSQ1070X-K	4710484748171	VigorSwitch Q1070x (UK/IE)	VigorSwitch Q1070x Switch with 5 x 2.5GbE ports & 2 x 10Gbps SFP+ slots

Technical Specification (UK Hardware Spec.)

Physical Interfaces

- 5 RJ-45 Ethernet Ports – 10/100/1000/2500Mbps
- 2 SFP+ Ports – 1000Mbps/10Gbps
- Factory Reset Button
- Power Socket

VLAN

- Port-based VLANs
- Up to 32 VLANs (out of 4096 VLAN IDs)

QoS

- Support 7 priority queues
- Port-Based rate control (Ingress & Egress)
- Priority queue schedule (WRR or Strict Priority)
- Rate Limit
- Class of Service
 - 802.1p CoS
 - DSCP
 - CoS-DSCP

Network Security

- Storm Control (Broadcast, Unknown Multicast, Unknown Unicast)
- DHCPv4 Snooping
- Loop Detection & Prevention

Spanning Tree

- Spanning Tree Protocol (STP)
- Rapid Spanning Tree Protocol (RSTP)

Networking Performance

- Packet Buffer size: 8 Mbit
- Switching Capacity: 65 Gbps
- Forwarding Rate: 48.36 Mpps at 64 bytes
- MAC Addresses Supported: 16,000
- Jumbo Frames up to 10KB

Multicast

- IGMP Snooping V2/V3 (BISS)

Management

- Web User Interface (HTTP or HTTPS)
- LLDP(802.1ab)
- Firmware Upgrade/Backup
- Configuration Backup/Restore
- Factory Default
- System Reboot
- SNTP (Simple Network Time Protocol)

Diagnostics

- Port Status & Usage display
- MAC Address Table
- Port Mirroring
- Port-based Cable Test

IPv4 Features

- DHCP Client
- DNS Client

IPv6 Features

- Auto Configuration
- Static IPv6 Address Configuration
- Static IPv6 Default Gateway
- DHCPv6 Client
- Link-Local IPv6 Address

General IEEE Standards Compliance

- 802.3 10Base-T
- 802.3u 100Base-T
- 802.3z 1000Base-X
- 802.3bz 2.5GBase-T
- 802.3ae 10GBase-X
- 802.3x Flow Control Capability
- 802.3 Auto-negotiation
- 802.3ad Port trunk with LACP
- 802.3az Energy Efficient Ethernet (EEE)
- 802.1q VLAN
- 802.1p Class of Service
- 802.1d Spanning Tree Protocol (STP)
- 802.1w Rapid Spanning Tree Protocol (RSTP)
- 802.1ab Link Layer Discovery Protocol (LLDP)

Operating Requirements

- AC Power Input Requirements: 100-240V
- AC Power supply: External (DC 12V @ 1A)
- Maximum Input Power Consumption: 12W
- Cooling: Fanless (Silent) Passive Cooling
- Operating Temperature: 0°C to 45°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% (non-condensing)
- Storage Humidity: 5% to 90% (non-condensing)

Physical Specifications

- Dimensions: 175 x 114 x 32 mm (W x D x H)
- Rack mountable: No
- Wall mountable: Yes
- Weight (excluding SFP modules/cables): 0.665 kg

Warranty:

- 2 Year Manufacturer's RTB
- Software security updates
- 3 years after the EOL notification. Please note that this only applies to products sold in the UK
- Optional VigorCare Enhanced Warranty Available
 - VigorCare A3 3 Year Subscription: VCARE-A3
 - VigorCare A5 5 Year Subscription: VCARE-A5
- ROHS
- UKCA
- CE
- PSTI

Box Contents

- VigorSwitch Q1070x Network Switch
- UK Power Adapter
- Mount Kit
- Quick Start Guide

All specifications are subject to change without notice. The throughput figures are maximum, based on DrayTek internal testing with optimal conditions. The actual performance may vary depending on the different network conditions and applications activated.