

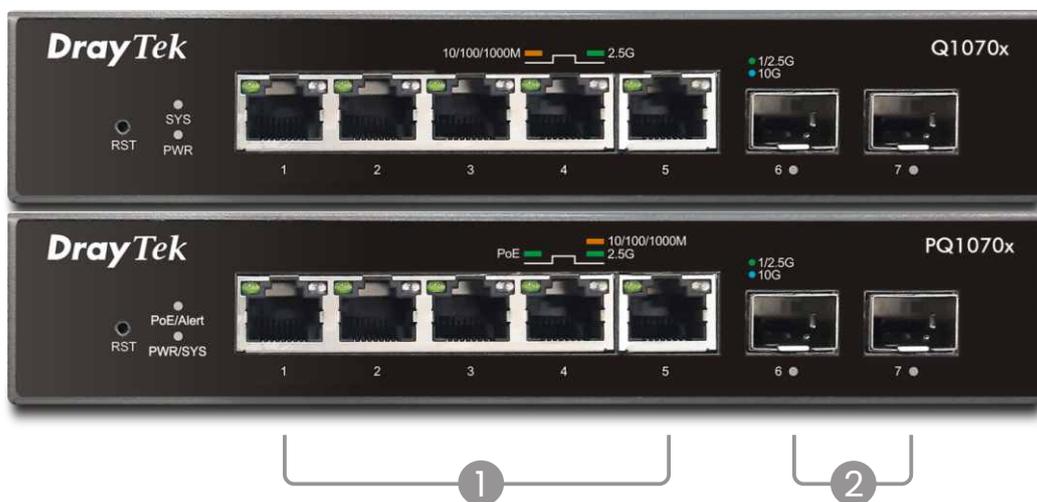
DrayTek

VigorSwitch Q1070x Series

2.5GbE Smart Lite Managed Switch



DrayTek VigorSwitch Q1070x Series features 2.5GbE ports for LAN and 10G SFP+ ports for uplink/downlink. VigorSwitch Q1070x Series is a high-performance network switch designed to enhance connectivity and efficiency in business and enterprise environments. Supporting features such as VLAN, Storm Control, Quality of Service and Loop Detection. The VigorSwitch Q1070x series also includes the VigorSwitch PQ1070x, featuring 5 PoE+ ports for powering access points, IP cameras, and other PoE devices.



Interface

- ① 5 x 2.5GbE RJ-45 (Q1070x)
5 x PoE/PoE+ 2.5GbE RJ-45 (PQ1070x)
- ② 2 x SFP+ Ports

Performance

Buffer Size (Mbit)	8
Switching Capacity (Gbps)	65
Forwarding Rate (64 bytes)(Mpps)	48.36
MAC Address Table	16k
Jumbo Frame (KB)	10

Standard Compliance

Ethernet Standards	802.3af PoE/802.3at PoE+ (PQ1070x) 802.3 10Base-T 802.3u 100Base-T 802.3ab 1000Base-T 802.3bz 2.5GBase-T IEEE802.3ae 10GBase-X 802.3x Flow Control 802.3 Auto-Negotiation 802.3ad LACP* 802.1AB LLDP 802.3az EEE
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Spanning Tree

STP	•
RSTP	•

VLAN

Max. Number of VLAN	32
VLAN Type	Port-based VLAN 802.1q Tag-based VLAN Management VLAN*

Multicast

IGMP Snooping	v1, v2, v3
MLD Snooping*	v1, v2

QoS

Number of QoS Queues	7
Queue Scheduling	SPQ, WRR
CoS (Class of Service)	CoS, DSCP, CoS-DSCP
Rate Limiting	•

Security

Traffic Control	Storm Control
Loop Protection	•

Management

Local Service	HTTP, HTTPS
Config Backup/Restore	•
Dual Image	•
Access Control	Access List*
SNTP (Simple Network Time Protocol)	•
LLDP	•
VigorRouter Management (SWM)	•

PoE (PQ1070x)

PoE Power Budget (watts)	75
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Physical

Operating Temperature	0 to 45°C
Storage Temperature	-20 to 70°C
Operating Humidity	10 to 90% non-condensing
Storage Humidity	5 to 90% non-condensing

*future support