



QN-SW225-8

PRODUCT OVERVIEW



Centrally Managed
By Rudder



Reliable &
Resilient



OOB Management



2x10 GbE SFP+
With Uplink Ports



Easy To
Deploy



Three Years
Warranty

QN-SW225-8

PRODUCT OVERVIEW

- QN-SW225-8 Switches provide Layer 2 and Layer 3 switching, ideal for enterprise and campus deployments, the SW225 series features are designed to meet the diverse needs of large enterprise networks.
- Supports management through Quantum RUDDER®, the users will have enterprise-class single-point-of-management of the entire enterprise network using Quantum RUDDER®.
- Provides easily deployed futuristic customer engagement solutions OOB and Network port-based Quantum RUDDER® Onboarding.
- Provides 10G SFP+ uplink interfaces on all models with non-blocking switching capabilities.
- Provides enterprise-class features like VLAN, Routing, STP/MSTP/RSTP, 802.1x etc.
- Supports both PoE and PoE+ on 802.3af/at as well as passive power for PoE on all networking ports.
- QN-SW225-8 comes with three years limited liability manufacturer's warranty from day one.



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QN-SW225-8

KEY FEATURES

- **10 GbE ports optimize network performance**
Up to 2x10G SFP+ ports for stacking or uplinks.
- **One time licensing**
Quantum RUDDER® serves perpetual management licensing for hassle-free management.
- **Easy to manage**
Easily manage all Quantum Networks products through feature-rich Quantum RUDDER® management console.
- **Zero touch provisioning**
Zero-touch provisioning feature provides single click pre-provisioning for mass deployment across sites using Quantum ACE® and/or Quantum RUDDER®.
- **Enhanced QoS**
QN-SW225-8 Switch supports configurable QoS queues for converged voice, video, and data applications.



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QN-SW225-8

KEY SPECIFICATIONS

General

Product type	Switch	
Model	QN-SW225-8-2x10G	QN-SW225-8P-2x10G
Product description	8×10/100/1000 Mbps RJ-45 ports 2×1/10 GbE uplink/stacking SFP/SFP+ ports	8×10/100/1000 Mbps RJ-45 PoE+ ports 130 W PoE budget 2×1/10 GbE uplink/stacking SFP/SFP+ ports

Switching & Forwarding Capacity

Architecture	Non-blocking
Switching capacity (data rate, full duplex)	56 Gbps
Forwarding capacity (data rate, full duplex)	42 MPPS
Packet buffer size	12 Mb

Ports

Gigabit ethernet(RJ45) ports	8
1G/10G fiber SFP/SFP+ uplink/staking Port)	2
Separate MAC address assignment per Port	Yes
Console port	Serial console port (RJ-45)
RJ45 management	For OOB (Out of band network management)

PoE

PoE ports	NA	8
PoE+ ports	NA	8 (Configurable)
Power budget	NA	130 Watt
Supported PoE type (802.3af/at)	NA	802.3af (15.4W) = All 8 Ports 802.3at (30W) = Any 4 ports

Layer 3 Routing (Basic)

Static routing	Yes
RIP	Yes

Access Control

Access control list	Yes
Class of service	Yes
Quality of service	Yes



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KEY SPECIFICATIONS

Flow Management		
SFLOW		Yes
Open flow		Yes
Internet Protocols		
IPv4		Yes
IPv6		Yes
L2 Features		
STP		Yes
RSTP		Yes
MSTP		Yes
Link Aggregation		
LLDP		Yes
LACP		Yes
Management		
Stand alone		Yes
Cloud		Yes
Interfaces		
Web interface		Yes
CLI		Yes
SNMP		Yes
Power Supply/Cooling		
PSU		1 X Inbuilt
PSU connector		IEC 320 C14 male plug 3 pins PCB panel power inlet socket
FAN	No	Yes
LED On Front Panel		
Power		Yes
System		Yes
Cloud managed		Yes
Environmental		
Operating temperature		0°C (32F) ~ +50°C (+122F)
Humidity		0%- 95% RH



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QN-SW225-8

ORDERING INFORMATION

Part Number	Description
QN-SW225-8-2x1G	Quantum QN-SW225-8 Networking Switch, 8x10/100/1000 Base T ports, 2x1 GbE SFP Uplink-ports, Upgradable to 2x10 GbE SFP
QN-SW225-8P-2x1G	Quantum QN-SW225-8 Networking Switch, 8x10/100/1000 Base T ports, 130W PoE BUDGET, 2x1 GbE SFP Uplink-ports, Upgradable to 2x10 GbE SFP
QN-SW225-8-2x10G	Quantum QN-SW225-8 Networking Switch, 8x10/100/1000 Base T ports, 2x10 GbE SFP Uplink-ports
QN-SW225-8P-2x10G	Quantum QN-SW225-8 Networking Switch, 8x10/100/1000 Base T ports, 130W PoE BUDGET, 2x10 GbE SFP Uplink-ports
QN-SW225-UL-1x10G	Quantum QN-SW225 license to upgrade single uplink-port from 1 GbE SFP to 10 GbE SFP+



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