

SYSTEM UPGRADES REFERENCE DETAIL



Wi-Fi



Switches



Gateways



Q-Services

SYSTEM UPGRADES FOR QN-SW-225

PART NUMBER	DESCRIPTION	
QN-225-2DSPU	System upgrades to add additional 2x10G SFP+ uplink/dedicated stacking ports for QN-SW-225 series 24 port and 48 port switches.	
	Parameters	Upgraded Values
	Forwarding Capacity	Enables delivery of additional 29.76 Mpps of forwarding capacity
	Switching Capacity	Enables delivery of additional 40 Gbps of switching capacity
QN-225-4DSPU	System upgrades to add additional 4x10G SFP+ uplink/dedicated stacking ports for QN-SW-225 series 24 port and 48 port switches.	
	Parameters	Upgraded Values
	Forwarding Capacity	Enables delivery of additional 59.52 Mpps of forwarding capacity
	Switching Capacity	Enables delivery of additional 80 Gbps of switching capacity
NETWORKING SCALE UPGRADE		
QN-225-NSU2	System upgrade for networking scale level 2.	
	Parameters	Upgraded Values
	RAM	2 GB
	Flash	2 GB
	MAC Scale Table	32K MAC Address
	Packet Buffer	6 MB
	ACL	3K
	BGP	Yes
	ERPS	Yes
	IPv4 Routes	11K
	IPv6 Routes	2.8K
	IGMP groups	1K
	ARP	3K
	DHCP Snooping Binding	1K
	SVI	1024

SYSTEM UPGRADES FOR QN-SW-230

PART NUMBER	DESCRIPTION	
QN-230-2DSPU	System upgrades to add additional 2x10G SFP+ uplink/dedicated stacking ports.	
	Parameters	Upgraded Values
	Forwarding Capacity	Enables delivery of additional 29.76 Mpps of forwarding capacity
	Switching Capacity	Enables delivery of additional 40 Gbps of switching capacity
QN-230-4DSPU	System upgrades to add additional 4x10G SFP+ uplink/dedicated stacking ports.	
	Parameters	Upgraded Values
	Forwarding Capacity	Enables delivery of additional 59.52 Mpps of forwarding capacity
	Switching Capacity	Enables delivery of additional 80 Gbps of switching capacity
HIGH RESILIENCY UPGRADE		
QN-230-48FPHSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-48FP.	
QN-230-48PHSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-48P.	
QN-230-48HSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-48.	
QN-230-24FPHSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-24FP.	
QN-230-24PHSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-24P.	
QN-230-24HSR	System upgrade for Hot Swappable Resiliency includes Hot Swappable Power Supplies and Hot Swappable Fans for QN-SW-230-24.	
SECURITY SCALE UPGRADE		
QN-230-SEC-U	System upgrade for enabling MACsec.	
NETWORKING SCALE UPGRADE		
QN-230-NSU2	System upgrade for networking scale level 2.	
	Parameters	Upgraded Values
	RAM	2 GB
	Flash	2 GB
	MAC Scale Table	32K MAC Address
	Packet Buffer	6 MB
	ACL	3K
	BGP	Yes
	ERPS	Yes
	IPv4 Routes	11K
	IPv6 Routes	2.8K

	IGMP groups	1K
	ARP	3K
	DHCP Snooping Binding	1K
	SVI	1024

Note: System upgrades are supported exclusively on 24-port and 48-port switches in both the 225 and 230 series.