Series	PowerSwitch E3200 Series			
Overview	High performance open networking 1GbE and 10GbE multigigabit switches for modern workloads at the network edge			Open networking switch for data center management
Models (all sized 1RU)	E3224F-ON	E3248P-ON	E3248PXE-ON	N3248TE-ON
NPU	Broadcom® Trident3-X3		Broadcom Trident3-X5	Broadcom Trident3-X3
Form factor	1U			
Performance				
Switch capacity (Gbps)	528	576	1560	576
Forwarding capacity (Mpps)	733	800	2167	800
Buffer size	8 MB	8 MB	32 MB	8 MB
Ports				
1G	24 (SFP)	48 (GBase-T)	-	48 (GBase-T)
5GBase-T Multigig (1/2.5/5G)	-			
10GBase-T Multigig (1/2.5/5/10G)	-	-	48	-
10G (SFP+)	4	4	-	4
25G (SFP28)	-	-	4	-
100GbE (QSFP28)	2 (Rear side)			
Power-over-Ethernet ports	-	48x 802.3at (30W) PoE	48x 802.3bt Type-4 (90W) PoE	-
Power and cooling				
Max power consumption (watts)	230	1683	4869	212
Power options	AC	AC	AC	AC or DC
Internal power supplies	2 hot swappable redundant power supplies. 1 PSU included, 2nd PSU optional.			2 hot swappable redundant power supplies. 1 PSU included, 2nd PSU optional.
Redundant power	550W AC	1050W AC	1600W AC	550W AC or DC
Airflow	I/O to power supply. Supports field replaceable fans with N+1 redundancy.			
Features				
Operating Systems	Dell SmartFabric OS10	Enterprise SONiC Distribution by Dell Technologies		Dell SmartFabric OS10; Enterprise SONiC Distribution by Dell Technologies
VLANs	4094			
VLAN support	Voice VLAN, Private Edge, Protocol and MAC-based, GVRP, 802.11x, Auto VLAN			
Layer 2 and 3	Layer 3 Advanced			
Jumbo frames	9216 bytes			
IPv4/IPv6 routing	IPv4 and IPv6 functionality including BGP, VRF, BFD, OSPFv2/v3			
Multicast routing	PIM-SM, PIM-DM, PIM-SSM			
Rapid Deployment	Deploy switch configuration files and firmware updates by simply inserting a USB device.			
Management and security				
Switch security	AAA authorization, TACACS+ accounting and RADIUS support for comprehensive secure access support. Port security 802.1x in N3248TE, E3248PXE , E3248P. MACsec support in E3248PXE-ON.			
SNMP support	SNMPv1/2/3			
sFlow	Yes			
Management	CLI via console, Telnet or serial connection.			