

Series	PowerSwitch N3200 Series									N1100	
Overview	Power-efficient and resilient 1GbE and 1/2.5/5/10GbE Multigig range of switching solution with PoE options, for advanced Layer 3 distribution in enterprise campus and retail networks.									Fully managed 1GbE Layer 2 switching	
Models (all sized 1RU)	N3208PX-ON	N3224P-ON	N3224PX-ON	N3248P-ON	N3248PXE-ON	N3224T-ON	N3248TE-ON	N3248X-ON	N3224F-ON	N1108EP-ON	
NPU	Broadcom® Hurricane3-MG	Broadcom Trident3-X3			Broadcom Trident3-X5	Broadcom Trident3-X3		Broadcom Trident3-X5	Broadcom Trident3-X3	Broadcom Buckhound	
Form factor	1 U compact	1 U									1 U compact
Performance											
Switch capacity (Gbps)	88	528	1080	576	1560	528	576	1560	528	24	
Forwarding capacity (Mpps)	122	733	1500	800	2167	733	800	2167	733	18	
Buffer size	4 MB	8 MB			32 MB	8 MB		32 MB	8 MB	1.5 MB	
Ports											
1GBase-T	4	24	-	48	-	24	48	-	24 (SFP)	8	
5GBase-T Multigig (1/2.5/5G)	4	-									2 (RJ45) & 2 (SFP)
10GBase-T Multigig (1/2.5/5/10G)	-	-	24	-	48	-	-	48	-	-	
10G (SFP+)	2	4	-	4	-	4	4	-	4	-	
25G (SFP28)	-	-	4	-	4	-	-	4	-	-	
100GbE (QSFP28)	-	2 (Rear side) - Default for stacking									-
Power-over-Ethernet ports	8x 802.3bt Type-4 (90W) PoE	24x 802.3at (30W) PoE	24x 802.3bt Type-4 (90W) PoE	48x 802.3at (30W) PoE	48x 802.3bt Type-4 (90W) PoE	-	-	-	-	8	
Power and cooling											
Max power consumption (watts)	900	944	2740	1677	5344	201	212	480	224	19.51	
Power options	AC	AC	AC	AC	AC	AC or DC	AC or DC	AC or DC	AC or DC	AC	
Internal power supplies	1 PSU included	2 hot swappable redundant power supplies. 1 PSU included, 2nd PSU optional.									-
Redundant power	320W AC	1050W AC	1600W AC	1050W AC	1600W AC	550W AC or DC	550W AC or DC	550W AC or DC	550W AC or DC	-	
Airflow	I/O to power supply. Fixed fans.	I/O to power supply. Supports field replaceable fans with N+1 redundancy.				I/O to power supply & power supply to I/O options. Supports field replaceable fans with N+1 redundancy.				IO to PS; Pass through POE	
Features											
VLANs	4094									512	
VLAN support	Voice VLAN, Private Edge, Protocol and MAC-based, GVRP, 802.11x, Auto VLAN									Voice VLAN, Private Edge, Protocol-based, Auto VLAN	
Layer 2 and 3	Layer 3 Advanced									Layer 2 only	
Jumbo frames	9216 bytes									-	
IPv4/IPv6 routing	IPv4 and IPv6 functionality including BGP, VRF, BFD, OSPFv2/v3									-	
Multicast routing	PIM-SM, PIM-SSM									-	
Rapid Deployment	Deploy switch configuration files, stacking commands, and firmware updates by simply inserting a USB device.									Yes	
Management and security											
Switch security	AAA authorization, TACACS+ accounting and RADIUS support for comprehensive secure access support.									Strong passwords, password masking, management access control - privilege levels. RADIUS and TACACS+ support, 802.1x port-based authentication.	
SNMP support	SNMPv1/2/3									-	
sFlow	Yes									v1.3 draft 5	
Management	GUI access via http/https. CLI via console, Telnet or serial connection.									GUI access via http/https. CLI via console, Telnet, SSH	

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