

Product Line

10G Series

DCS6064T

DCS6048S

D6254QS

40G Series

DCS6024Q

DCS6032Q

D6232Q

100G Series

D7032Q28B

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10G Series 40G Series **100G Series**

The Inventec D7032Q28B Datacenter switch offers wire speed layer 2/3/4 performance with 32 100G ports in a compact 1RU form factor. Equipped with 32 100G QSFP28 ports, the D7032Q28B is a feature-rich, high-performance and low-latency switch suitable for Next-Generation datacenters. It offers latency of 500*-600ns in cut-through mode with 16/24 MB shared packet buffer.

Inventec 100GE Spine Switch	
	
Product Model	D7032Q28B
Form Factor	1RU
Dimension (WxHxD)	43.99cm x 4.32cm x 43.18cm (17.32in x 1.70in x 17.00in)
CPU and Memory	X86, Quad-Core 2.4GHz, 8GB ECC PPC, Quad-Core 2.4GHz, 8GB ECC
I/O Module	One RJ-45 CON, one USB and one MGMT
Weight	9.3 kg (20.50 lbs)
Power Consumption	Input Current 6.5A~3.5A, Input Voltage 100~240VAC
Number of Ports	32 x 100GbE QSFP28
Switching Performance	6.4 Tbps
Latency	500ns*
Data Center	802.1Qbb/802.1Qaz/802.1Qau/OpenFlow 1.0.1
High Availability	802.3ad/VPC & ECMP
Power & Fan	Redundant & Hot-swappable, Front-to-Rear and Rear-to-Front Airflow
Application	Line rate, low cost 100G leaf
VLAN	IEEE802.1Q,802.1ad,Private VLAN, 4K VLAN
VXLAN/NVGRE	Yes
QoS	20 Queues/port, DSCP, Strict Priority Queue, 802.1p (IP Prec. & DSCP), Rate Limiting, WRED and Traffic Shaping
Routing Features	ARP,VRRP, ECMP(32way),ICMP(v4/v6),Static Route, OSPF(v2 and v3), BGP, MP-BGP,IGMP v2/v3, PBR,IPv6,PIM (SM and DM)
Security	Static MAC filtering, IP Source Guard, Protected Ports, Ingress/Egress ACL L2/L3/L4,AAA,DoS protection, DHCP snooping, ACL Logging and mirroring, Management IP Filtering, RADIUS and TACACS+, HTTPS and SSL
Management	CLI, Telnet/SSH, TFTP/Xmodem/FTP, IPv6 Management, Port Mirroring and sFlow
Environmental	Operating Temperature 0~50C, Storage Temperature -40~70C, Relative Humidity 20~80%,Altitud 0~3000m(0~10,000ft)
Compliance	EMI: CISPR-22/FCC Part 15 IEC61000-3-2/3 IEC61000-4-2/3/4/5/6/11, Safety: CB:IEC60950-1 (2nd) CCC:GB 4943.1-201