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Yunke China

ED-DCX7

Outline

ED-DCX7 ED-DCX7

ED-DCX7

50% NVMe I/O

ED-DCX7 SAN

SAN

SAN

ED-DCX7 384 64Gb/s 512 32Gb/s

ED-DCX7

NVMe

NVMe

ED-DCX7

NVMe SAN Fabric ED-DCX7

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ED-DCX7 UltraScale ICL

SAN –

SAN 14U ED-DCX7-8 8

384 64Gb/s 512 32Gb/s

32 UltraScale ICL 128 8U

ED-DCX7-4 4 192 64Gb/s

256 32Gb/s 16 UltraScale ICL

64

ED-DCX7

- ED-DCX7 FC64-48 48 64Gb/s

  8 10 16 32Gb/s
- ED-DCX7 FC32-X7-48 48 32Gb/s

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4 8 10 16Gb/s

- ED-DCX7 FC32-64 64 32Gb/s
  4 8 16Gb/s 10 25 40GbE FCoE
  ED-DCX7 SX6 16
  32Gb/s 16 1/10-GbE 40GbE IP
  ED-DCX7
  ED-DCX7 SX6
  ED-DCX7 7840 ED-DCX7 7810

“5 9” 99.999%
ED-DCX7

Features

- 64Gb/s
- 50% NVMe
-
-
- SAN
- NVMe Fabric
- NVMe FICON FCIP FCoE
- IP FICON

Advantages

SAN

ED-DCX7 Fabric Vision® ED-DCX7
SAN 64Gb/s NVMe
ED-DCX7

Fabric Vision ED-DCX7

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SAN ED-DCX7 Fabric Vision

ED-DCX7 SANnav Management Portal SANnav Global View IT SAN

ED-DCX7 SANnav

ED-DCX7 64Gb/s 31Tb/s I/O

SLA ED-DCX7 VM Fabric ED-DCX7

ASIC ED-DCX7 FC32-X7-48 ED-DCX7 FC32-64 ED-DCX7 IO Insight NVMe IO Insight I/O I/O , VM Insight VM IO Insight VM I/O IOPS VM I/O

ED-DCX7 UltraScale ICL ED-DCX7 4 ED-DCX7 SX6 ED-DCX7 SX6 16 32Gb/s /FICON 16 1GbE/10GbE 40GbE WAN

SANnav Management Portal Fabric Vision Fabric Fabric Vision Fabric Vision IP ED-DCX7 SANnav Management Portal IP Fabric

NVMe over Fibre Channel NVMe ED-DCX7

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NVMe FCoE ,

Parameters

	ED-DCX7-8: ● 48 64Gb/s X7-8 31Tb/s 384 64Gb/s 32 4xGen7 ICL ● 64 32Gb/s X7-8 22.8Tb/s 512 32Gb/s 32 4xGen7 ICL ED-DCX7-4: ● 48 64Gb/s X7-4 15.5Tb/s 192 64Gb/s 16 4xGen7 ICL ● 64 32Gb/s X7-4 11.4Tb/s 256 32Gb/s 16 4xGen7 ICL E F D M SIM EX 48 64Gb/s
	/
	Fabric 239
	6000 ED-DCX7 Fabric OS® FOS Fabric 56 19
	ED-DCX7 FC64-48 48 64Gb/s ED-DCX7 FC32-X7-48 48 32Gb/s ED-DCX7 FC32-64 64 32Gb/s
	ED-DCX7 SX6 16 32Gb/s IP IP 16 1GbE/10GbE 40GbE
	ED-DCX7 FC64-48 8.5Gb/s 10.53Gb/s 14.025Gb/s 28.05Gb/s 57.8Gb/s 8 16 32 64Gb/s SFP SFP 10Gb/s ED-DCX7 FC32-X7-48 4.25Gb/s 8.5Gb/s 10.53Gb/s 14.025Gb/s 28.05Gb/s 4 8 16 32Gb/s SFP SFP 10Gb/s ED-DCX7 FC32-64 4.25Gb/s 8.5Gb/s 14.025Gb/s 28.05Gb/s 4 8 16 32Gb/s QSFP FCoE:10GbE 25GbE 40GbE FCoE 10GbE 25GbE 40GbE QSFP
ISL	ISL 8 64Gb/s ISL 512 Gbps ED-DCX7 FOS DPS ISL .
UltraScale ICL	CR

	QSFP ● ED-DCX7 CR64-4 4 QSFP 4 QSFP ● ED-DCX7 CR64-4 CR64-8 4 QSFP 4 QSFP 2 QSFP ED-DCX7 CR64-8 CR64-4 CR32-8 CR32-4 4
UltraScale ICL Multichassis	4608 UltraScale ICL 8 32 4 16 QSFP 9 – 12
	ED-DCX7-8: 31Tb/s 384 + 32 UltraScale ICL 128 ED-DCX7-4: 15.5Tb/s 192 + 16 UltraScale ICL 64
	64Gb/s ED-DCX7 FC64-48 460 ns FEC 1.6 µs 64Gb/s 32Gb/s ED-DCX7 FC32-X7-48 560 ns FEC 1.9 µs 32Gb/s ED-DCX7 SX6 ED-DCX7 FC32-64 <780 ns FEC 2.6 µs 32Gb/s
	CR64-8 CR64-4 CR E EX D FC32-X7-48 FC64-48 FC32-64 F E EX M SIM D SX6 F FL E SIM FC EX GbE VE Self-discovery U
	ED-DCX7 FC64-48 8/10/16/32Gb/s SWL/LWL/ELWL 64Gb/s SWL SFP+ ED-DCX7 FC32-X7-48 4/8/10/16/32Gb/s SWL/LWL/ELWL SFP+ ED-DCX7 FC32-64 QSFP 4×32Gb/s SWL 4×16Gb/s SWL MPO 1×12 66 OM3 100 OM4 4×32Gb/s QSFP 4×32Gb/s SMF LC ED-DCX7 FC32-64 QSFP 4/8/16/32Gb/s 10Gb/s 10GbE 25GbE 40GbE FCoE QSFP ED-DCX7 SX6 SFP28 32Gb/s SWL/ LWL SFP+ 16Gb/s SWL/LWL/ ELWL SFP 10Gb/s FC SWL/LWL SFP+ 1GbE 1GbE 1000BASE-SX/LX/CWDM SFP+ 10GbE SR/LR SFP+ 10GbE DWDM 80 QSFP 40GbE SR4/LR4/ER4 CR ED-DCX7 CR64-4 CR64-8 SWL QSFP 4×32Gb/s SWLQSFP 4×32Gb/s QSFP ICL

	ED-DCX7-8 384 64Gb/s 512 32Gb/s E F EX M D SIM FICON ED-DCX7-4 192 64Gb/s 256 32Gb/s F E EX M D SIM FICON
	Class 2 Class 3 Class F
	64Gb/s 460 ns FC FEC 1.6 µs

	HTTP SNMP v1/v3 FE MIB FC Management MIB SSH Syslog Web ED-DCX7 SANnav Management

	Portal SANnav Global View CLI SMI-S RESTful API
	ISL AES-GCM-256 DH-CHAP FCAP FIPS 140-2 HTTPS IP LDAP with IPv6 OpenLDAP DCC RADIUS RBAC Secure Copy SCP SFTP SSH v2 TLS v1.2/v1.3 TACACS+ Fabric FCS USGv6 Secure Boot
	10/100/1000Mb/s RJ-45 RJ-45 USB DHCP/DHCPv6 ED-DCX7 SANnav Management Portal call-home
	SCSI NVMe IO Insight FC32-X7-48 FC32-64 ClearLink® / / / flow generator POST / FCping Pathinfo FC traceroute Frame Viewer Daemon RAStrace RRD

	ED-DCX7-8 12- 14U 27 31 22 4 ED-DCX7-4 8- 8U 27 31 18 24 4	
	0° C 40° C 32° F 104° F -25° C 70° C -13° F 158° F	
	AC AC 90 VAC 264 VAC 100 VAC 240 VAC 85 VAC 132 VAC 1,450 180 VAC 264 VAC 2,870 *80 PLUS*	HV 90 VAC 132 VAC 100 VAC 120 VAC 180 VAC 305 VAC 200 VAC 277 VAC 192 VDC 400 VDC 240 VDC 380 VDC 90 VAC 132 VAC 1,450 180 VAC 305 VAC 2,870 192 VDC 400 VDC 2,870

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