

# Intel X710DA2 network card Internal Fiber 10000 Mbit/s



**Brand :** Intel

**Product code:** X710DA2

**Product name :** X710DA2

Ethernet Converged Network Adapter X710-DA2

Intel X710DA2. Internal. Connectivity technology: Wired, Host interface: PCI Express, Interface: Fiber.

Maximum data transfer rate: 10000 Mbit/s. Product colour: Black, Green

Ports & interfaces		Other features	
Connectivity technology *	Wired	Number of VLANs	4096
Host interface *	PCI Express	Intel® Virtualization Technology (Intel® VT)	VT-c
Interface *	Fiber	Intel Trusted Execution Technology	✗
Ethernet LAN (RJ-45) ports	2	Embedded options available	✗
Fiber ports quantity	2	Intel Virtual Machine Device Queues (VMDq)	✓
Fiber optic connector	SFP+	PCI-SIG® SR-IOV Capable	✓
PCI version	3.0	On-chip QoS and Traffic Management	✓
PCI Card form factor	Full-height (low-profile)	Intel Flexible Port Partitioning	✓
<b>Network</b>		Storage-over-ethernet	✓
Maximum data transfer rate *	10000 Mbit/s	Speed & slot width	8.0 GT/s, x8 Lane
Networking standards *	IEEE 802.1as, IEEE 802.1p, IEEE 802.1Q, IEEE 802.3, IEEE 802.3ad	Message signal interrupt	✗
Ethernet LAN	✓	Low halogen options available	✗
Ethernet LAN data rates	10,1000 Mbit/s	Intelligent Offloads	✓
Fiber ethernet cabling technology	10GBASE-LR, 10GBASE-SR	iWARP/RDMA	✗
Supported network protocols	TCP, UDP, IP	Fiber Channel over Ethernet	✓
VLAN tagging	✓	Intel Ethernet Power Management	✓
Maximum operating distance	10 m	Intel Data Direct I/O Technology	✓
LAN controller	Intel® X710	Intel Virtualization Technology for Connectivity (VT-c)	✓
<b>Design</b>		Interface type	PCIe v3.0 (8.0 GT/s)
Product colour	Black, Green	Storage Over Ethernet	iSCSI, NFS
Internal *	✓	Conflict-Free	✓
Chipset	X710-AM2	Born on date	Q4'14
LED indicators	✓	Launch date	Q4'14
Certification	FCC B, UL, CE, VCCI, BSMI, CTICK, KCC	Network interface card cable medium	Copper
<b>Power</b>		Network interface card type	Server
Power consumption (typical)	4.5 W	Product brief URL	<a href="http://www.intel.com/content/dam/www/public/us/en/documents/product-briefs/ethernet-x710-brief.pdf">http://www.intel.com/content/dam/www/public/us/en/documents/product-briefs/ethernet-x710-brief.pdf</a>
<b>System requirements</b>		Product name	Intel Ethernet Converged Network Adapter X710-DA2
Compatible operating systems	<a href="https://www.intel.com/content/www/us/en/support/articles/000025890/network-and-i-o/ethernet-products.html">https://www.intel.com/content/www/us/en/support/articles/000025890/network-and-i-o/ethernet-products.html</a>	Product type	Network Interface Card
Linux operating systems supported	RedHat EL Linux 6.0	Status	Launched
Other operating systems supported	FreeBSD	Number of QPI links	Dual
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2	Last change	64826824
<b>Operational conditions</b>		Processor family	700 Network Adapters (up to 40GbE)-700 Network Adapters (up to 40GbE)
Operating temperature (T-T)	0 - 55 °C	Ethernet adapter ARK ID	83964
Storage temperature (T-T)	-40 - 70 °C	Export Control Classification Number (ECCN)	5A991
Storage relative humidity (H-H)	35 - 90%	Commodity Classification Automated Tracking System (CCATS)	NA
<b>Weight &amp; dimensions</b>		Controller type	Intel® Ethernet Controller X710
Width	68.6 mm	Cabling type	SFP+ Direct Attached Twinaxial Cabling up to 10m
Depth	167.1 mm	Bracket height	Low-Profile (LP) / Full-Height (FH)
		Product family	Intel 10 Gigabit server adapter
		Product series	700 Series Network Adapters (up to 40GbE)
		Product codename	Fortville

**Logistics data**

Harmonized System (HS) code 85176990

**Other features**

Cable type	SFP+ Direct Attached Twinaxial Cabling up to 10m
Market segment	Server
Target market	Artificial Intelligence, High Performance Computing
Flow control support	✓
Management protocols	PXE, SNMP, RMON



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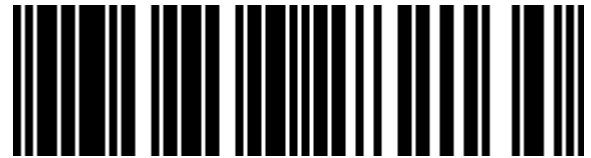
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