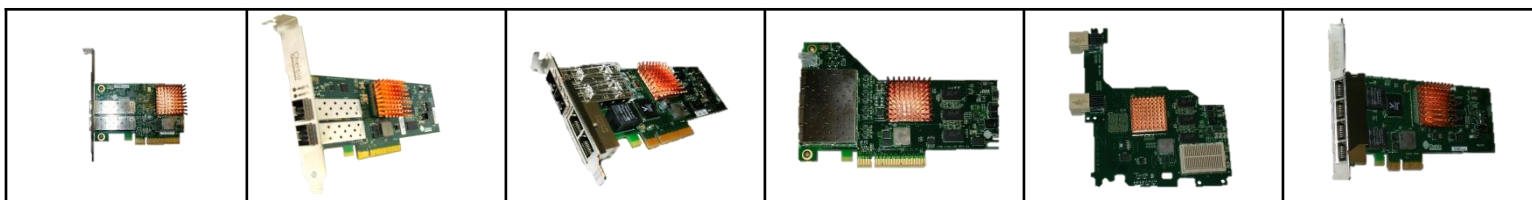







## All Adapters support

- ✓ TCP/UDP Offload
- ✓ iWARP Offload\*
- ✓ iSCSI, FCoE Offload
- ✓ Multicast Offload
- ✓ Traffic management
- ✓ Packet Classification
- ✓ SR-IOV,
- ✓ VEB/VEPA/Flex10

# Chelsio T4 Unified Wire Adapter Product Selection Guide



<b>Chelsio SKU</b>	<b>T420-SO-CR*</b>	<b>T420-CR</b>	<b>T422-CR</b>	<b>T440-CR</b>	<b>T420-BCH</b>	<b>T404-BT</b>
<b>IBM SKU</b>	<b>81Y8021</b>	<b>46M2237</b>	<b>00E0842</b>	<b>46M2241</b>	<b>46M2245</b>	
<b>Number of Ports</b>	2x10G	2x10G	2x1G, 2x10G	4x10G	2x10G	4x1G
<b>Connector Type</b>	SFP+ cage	SFP+ cage	SFP+ cage RJ-45	SFP+ cage	XAUI	100m/1GBase-T
<b>Host Interface</b>	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x4 Gen 2
<b>Description</b>	Low Profile	Low Profile	Low Profile	Half Card	IBM CFFh	Low Profile
<b>Power (Typical)</b>	9W	12W	14W	14W	12W	10W
<b>Recommended For</b>	Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization
						<p><b>Twinaxial Cables</b></p> <ul style="list-style-type: none"> <li>▪ TAPCABLE1M (1M)</li> <li>▪ TAPCABLE3M (3M)</li> <li>▪ TAPCABLE5M (5M)</li> <li>▪ OCTTAPCABLE3M (3M Octopus Cable)</li> </ul> <p><b>Optical Transceivers</b></p> <ul style="list-style-type: none"> <li>▪ SM10G-SR (Short Reach Optics)</li> <li>▪ SM10G-LR (Long Reach Optics)</li> <li>▪ SM40G-SR (40G QSFP module)</li> </ul> <p><b>Optical Cables</b></p> <ul style="list-style-type: none"> <li>▪ OCTACABLE5M-SR (5M Octopus Cable)</li> <li>▪ SRCABLE3M (3M Short Reach)</li> <li>▪ LRCABLE3M (3M Long Reach)</li> </ul>
<b>Chelsio SKU</b>	<b>T420-CX</b>	<b>T420-LL-CR</b>	<b>T440-LP-CR</b>	<b>B420-SR</b>	<b>B404-BT</b>	
<b>Number of Ports</b>	2x10G	2x10G	4x10G	2x10G	4x1G	
<b>Connector Type</b>	CX4	SFP+ cage	QSFP+ cage	SFP+SR/LR	1G Base-T	
<b>Host Interface</b>	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x8 Gen 2	PCIe x4 Gen 2	
<b>Description</b>	Low Profile	Low Profile	Low Profile	Half Card	Low Profile	
<b>Power</b>	12W	13W	12.65W	12W	12W	
<b>Recommended For</b>	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	Unified Wire: NIC, TOE, iSCSI, RDMA, FCoE, Virtualization	

## Unified Storage Router(USR)

A Cost Effective solution to enable integration of IP servers into a Fibre Channel SAN or SAS SAN. The Chelsio USR allows for the expansion and extension of life of existing SAN's (FC and or SAS) allowing for better asset utilization and enabling new applications.



### Ordering Information:

**USR1100-ESAS-FB:** Unified Storage Router 1100 Single Blade with 2x 6G SAS + 2x 10GbE + 2x 1GbE

**USR1100-ESAS-FB-Gb:** Unified Storage Router 1100 Single Blade with 2x 6G SAS + 2x 1GbE

**USR1100-EFC-FB:** Unified Storage Router 1100 Single Blade with 2x 8G FC + 2x 10GbE + 2x 1GbE

**USR1100-EFC-FB-Gb:** Unified Storage Router 1100 Single Blade with 2x 8G FC + 2x 1GbE

**USR1100-RK:** Enclosure and Rail Kit for 1U USR.

## Unified Storage Server (USS)

Unified Storage Server is a powerful solution for creating high-performance storage systems. Features supported include: CIFS, NFS, FRP, HTTP file sharing, Thin provisioning volumes, Volume cloning, Redirect-on-write snapshots, Instant restore from snapshots, Volume Encryption, and Replication compression.

### Ordering Information

**USS-BNDL-L:** SAN, NAS, Thin Provisioning,

**USS-BNDL-XL:** SAN, NAS, Thin Provisioning, Cloning ,Snapshots, Replication, RDMA

### Optional Modules

**USS-FC:** Fibre Chanel Support

**USS-HA:** High Availability Cluster

## Unified Manager (UM)

Unified Manager software centrally manages all Chelsio network adapter cards, Unified Storage Router (USR) appliances, and Unified Storage Server (USS) software across Linux, Mac, Solaris, VMWare, and Windows environments. UM 2.0 greatly simplifies operations by allowing driver installation and maintenance across multiple nodes and also enabling customers to manage their Chelsio Unified Wire adapters via mobile devices such as iPads etc.

### Ordering info

**UM-2.0** Unified Manager software, One license seat manages upto 25 devices.

## Support

- 1-year limited hardware warranty – free repair or replacement for faulty hardware due to product defect or failure.
- Extended warranty to 3 years can be purchased within first year.
- 30 days free technical support, software maintenance & upgrades with the purchase of any Chelsio adapter or software product.

## Support and warranty packages

**T4SUPCRD:** Support Plan - One year extended technical support: phone, Email, Web (per adapter)

- **SUPPORT-GOLD:** Gold Support Plan - 40 hours extended technical support: Onsite, 24-hr response/replacement
- **SUPPORT-SILVER:** Silver Support Plan - 4 hours extended technical support: Onsite, 24-hr response/replacement
- **CARDWARR3:** 3 year extended hardware warranty (per adapter)

**Chelsio Communications**  
[www.chelsio.com](http://www.chelsio.com)  
[sales@chelsio.com](mailto:sales@chelsio.com)  
+1-408-962-3600