### Chelsio T4/T5 Unified Wire Adapter Product Selection Guide

**All Adapters Support:** Stateless Offload, CP Offload, Traffic Management, Packet Classification, SR-IOV, IEEE 802.1Qbg/h

**Non-SO Adapters Support:** iWARP Offload, iSCSI Offload, FCoE Offload, Multicast Offload

<table>
<thead>
<tr>
<th>Chelsio P/N</th>
<th>IBM P/N</th>
<th>Number of Ports</th>
<th>Connector Type</th>
<th>Host Interface</th>
<th>Board Form Factor</th>
<th>Offloaded Connections</th>
<th>Power (Typical)</th>
<th>Recommended For</th>
</tr>
</thead>
<tbody>
<tr>
<td>T520-SO-CR</td>
<td>T520-CR</td>
<td>2x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>12 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
<tr>
<td>T520-CR</td>
<td>T520-CR</td>
<td>2x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>16 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
<tr>
<td>T520-LL-CR</td>
<td>T520-LL-CR</td>
<td>2x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>16 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
<tr>
<td>T540-CR</td>
<td>T540-CR</td>
<td>4x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>16 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
<tr>
<td>T522-CR</td>
<td>T522-CR</td>
<td>2x10G, 2x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>16 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
<tr>
<td>T420-BT</td>
<td>T420-BT</td>
<td>2x10G</td>
<td>SFP+ Cage</td>
<td>PCIe x8 Gen3</td>
<td>Low Profile</td>
<td>TOE, iSCSI, FCoE up to 32k</td>
<td>19 W</td>
<td>Unified Wire: NIC, TOE, iSCSI, FCoE, Virtualization</td>
</tr>
</tbody>
</table>

**Recommended For:**
- **Unified Wire:** NIC, TOE, iSCSI, FCoE, Virtualization
- **Non-SO Adapters Support:** iWARP Offload, iSCSI Offload, FCoE Offload, Multicast Offload

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### Twinaxial Cables
- TAPCABLE1M (1M)
- TAPCABLE3M (3M)
- OCTTAPCABLE3M (3M Octopus Cable)

### Optical Transceivers
- SM10G-SR (Short Reach Optical)
- SN10G-LR (Long Reach Optical)
- SM40G-SR (40G QSFP Module)

### Optical Cables
- OCTCABLE3M-SR (3M Octopus Cable)
- SRCABLE3M (3M Short Reach)
- LRCABLE3M (3M Long Reach)
Unified Storage Router (USR)
A Cost Effective solution to enable integration of IP servers into a FibreChannel 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 w 2x 6G SAS + 2x 10GbE + 2x 1GbE
USR1100-EFC-FB: Unified Storage Router 1100 Single Blade with 2x 8G FC + 2x 10GbE + 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 include: CIFS, NFS, FTP, HTTP file sharing, Thin Provisioning, Volume Cloning, Redirect-on-write snapshots, Instant restore from snapshots, Volume Encryption, and Replication Compression. New to the latest version is Two-tier caching using RAM and PCIe-SSD. Also supports cache coherency in HA configurations. Free 30-day USS Trials available from chelsio.com

Ordering Information
USS3.0 BNDL-M :SAN, NAS, REP, TP, CS, RDMA, HA. Max Capacity: 48 TB
USS3.0 BNDL-L :SAN, NAS, REP, TP, CS, RDMA, HA. Max Capacity: 96 TB
USS3.0 BNDL-XL :SAN, NAS, REP, TP, CS, RDMA, HA. Max Capacity: Unlimited

Unified Manager (UM)
Unified Manager Software centrally manages all Chelsio network adapter cards and Unified Storage Router (USR) appliances across Linux, Mac, Solaris, VMWare, FreeBSD, and Windows Environments. UM greatly simplifies operations by allowing driver installation, performing network discovery, configuring alerts, and other maintenance tasks across multiple nodes and also enabling customers to manage their Chelsio Unified Wire adapters via mobile devices such as iPads and the like.

Unified Manager is installed along with the Unified Wire software which is available at service.chelsio.com.

Support
The standard warranty period for Chelsio hardware products is three years from date of purchase.

To contact support, call Chelsio at 408-962-3600, submit a support request via www.chelsio.com or email support at support@chelsio.com.

Drivers for Chelsio Adapters are available at service.chelsio.com.