The TelcoBridges Tdev™ TMP7950 is a high-performance application server device designed for use with the Tdev TMP800 and Tdev TMP6400 computer telephony platforms and is also a key component of the high-capacity Tdev TMP7900 system cluster.

Featuring a powerful quad-core Intel Xeon$^{©}$ 3400-based host with 8GB of RAM, 500GB of RAID-1 storage, the TMP7950 is preconfigured for TB Media Gateway and other value-added service applications developed with the Toolpack™ application development framework. With processing capacity to spare, the TMP7950 is powerful enough to host applications such as softswitches and session border controllers locally, further answering the need for device consolidation and convergence.

For more information on how the Tmedia TMP7950 application server can help power your offerings, visit www.telcobridges.com.

TMP7950 SPECIFICATIONS

HARDWARE
Standard
CPU: Intel Xeon quad-core X3470 CPU @ 2.93Ghz w/ 8MB cache
Memory: 8 GB RAM DDR3 REG ECC 1333; expandable to 32GB
Storage: 2 x 500GB SATA hard disk drive/3.5 in/32 MB cache/7200 RPM; configured for RAID-1
Motherboard: Intel 3400 series / 3420
USB 2.0 ports: 2 front, 2 rear
Video: Matrox G200eW 16MB DDR2; 1 VGA port
Network: 2 rear Ethernet 10/100/1000Mb
Other ports:
>1 rear IPMI 2.0 (RJ45) with KVM and dedicated LAN
>1 rear RS-232 via DB9 connector
Power supply: 2X 420W AC or 2X 410W DC

Optional
Teac 24X CD-ROM Drive or TEAC DVD-ROM Drive
Sony 3.5" Floppy-Disk Drive
64-bit 3.3V 1U PCI-X Riser Card

Dimensions
2U with dual redundant power supplies
> 3.5" H (89 mm) x 17.2" W (437 mm) x 17.7" D(450 mm)
Weight: 36 lbs (16.4 kg)

AC Power: 90 to 260 Volts AC, 47/63 Hz
DC Power: -40 to -60 Volts DC
Power Consumption: 375 W fully loaded
Operating temperature range: 0 to +55 °C, 95% rel. hum. non-condensing
Storage temperature range: -10 to +75 °C, 95% rel. hum. non-condensing

OPERATING SYSTEM
> CentOS 5.3 for 64-bit
> CentOS 5.3 for 32-bit

APPLICATIONS AND OTHER SOFTWARE
Installers* for the following:

TB Media Gateway™ application (w/source code)
> TDM-to-TDM switching, TDM-to-IP-to-TDM gateway, IP-to-IP hairpinning
> Transcoding, trunking, call routing, fax relay and other functions
> Call Detail Records (CDR): user-definable text files and RADIUS
> High availability

Toolpack™ Application Development Tools
> Pre-developed C++ classes (call bridging, call routing, IVR, embedded web-based GUI, voicemail, ODBC database access/RADIUS for CDRs, etc.)

* Require media gateway / computer telephony platform hardware serial numbers to install

MANAGEMENT & CONTROL
TelcoBridges Element Management System
> Live configuration and software upgrades via HTTP
> Monitoring via HTTP
> Configuration of multiple appliances in the same system with a single interface
> SNMP v2 GET of individual appliance configuration and stats

REGULATORY COMPLIANCE

EMC	FCC Part 15, EN55022, EN61000, ENV50204
NEBS	Designed to meet Level 3
Safety	CE, UL60950, CSA C22.2 No.60950-1-03
RoHS	Compliant 6/6, Pb Free