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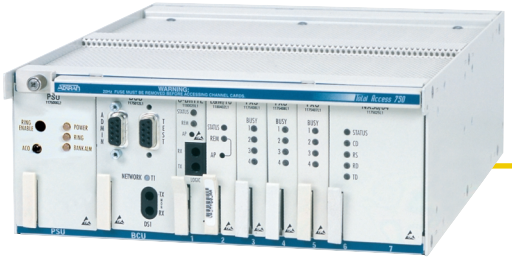
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Find the *Adtran Total Access 750* at our website: ***Click HERE***



Total Access 750

Small Line Size Integrated Access System

Product Features

- T1/FT1 integrated access device
- Occupies one half of two rack units (2U)
- Supports wide variety of services – 24 analog voice (FXS/FXO) circuits, Nx56/64 Data, Fractional T1, DDS, ISDN
- Compact rack or wall-mount design
- Supports TR-08 signaling
- Automatic gain adjustment on analog units (FXS, FXO)
- Integrated T1 CSU
- AC power option
- Battery backup option
- NEBS Level 3 and UL 1950 compliant
- Industry leading 10-year warranty

As competition for dial tone heightens, service providers must find integrated access devices that allow cost effective deployment of voice and data services at the customer's premises. ADTRAN answers this call with the Total Access™ 750 product line. The Total Access 750, a low-cost integrated access device, allows service providers a means to offer combined voice and data traffic over a single T1 terminating at a customer's premises. The Total Access 750 supports a broad service offering including analog voice (FXO/FXS), NxData, Fractional T1, ISDN and DDS.

The Total Access 750 provides seven slots for the user to combine a variety of voice and data services based on the specific requirements of each application. Up to six Quad FXS or FXO access modules provide up to 24 analog voice lines. Data options include a Fractional T1 port, as well as DDS, ISDN, and Nx56/64 access modules. The Fractional T1 Drop-and-Insert port on the rear of the unit provides a convenient method of dropping a number of DS0s to a PBX or other equipment via a DSX-1 signal.

The design of the Total Access 750 lends itself to cost-efficient growth or a "grow-as-you-go" architecture. Many applications require only a limited amount of analog circuits and, therefore, do not warrant purchasing or installing 12 or 24 ports as required with other non-modular designs. The benefits of the Total Access 750 modularity are also found in cost-per-port comparisons and data applications. Because a provider only installs the amount of voice ports needed for the subject application, initial turn-up cost and per-port cost are lower. This is because the provider can defer channel unit cost until it is needed. And in data applications, the Total Access 750 provides the flexibility to mix voice and data units also based on the particular requirements of each application.

When maintenance becomes necessary, the Total Access 750 design allows technicians to reach the access modules, commons, power supplies, and battery back-up system easily. Access modules are hot swappable and accessible at all times. An individual access module may be replaced without disrupting other units. So, the 4-circuit-per-card design ensures a maximum of only four analog circuits are affected when replacing a channel unit (as opposed to 12 with other non-modular systems).

The 2U design of the Total Access 750 uses a minimum amount of wall space. The 8.5-inch x 11-inch chassis uses a space about the size of a standard piece of notebook paper. When rack mounting is desired, two Total Access 750 systems can be mounted side-by-side in either a 19-inch or 23-inch relay rack.

Total Access® System

ADTRAN®

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ADTRAN, Inc.
Attn: Enterprise Networks
901 Explorer Boulevard
Huntsville, AL 35806

P.O. Box 140000
Huntsville, AL 35814-4000

256 963-8000 voice
256 963-8699 fax
256 963-8200 fax back

General Information
800 9ADTRAN
info@adtran.com
www.adtran.com

Pre-Sales Technical Support
800 615-1176 toll-free
application.engineer@adtran.com
www.adtran.com/support

Where to Buy
877 280-8416 toll-free
channel.sales@adtran.com
www.adtran.com/where2buy

Post-Sales Technical Support
888 423-8726
support@adtran.com
www.adtran.com/support

ACES Installation & Maintenance Service
888 874-ACES
aces@adtran.com
www.adtran.com/support

International Inquiries
256 963 8000 voice
256 963-6300 fax
international@adtran.com
www.adtran.com/international

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Total Access 750

Total Access® System

Small Line Size Integrated Access System

Product Specifications

Total Access 750 Interface

Network Interface

- **Line Rate:** 1.544 Mbps +/- 75 bps

Physical Interface

- **RJ-48C:** Modular, 8-pin

Framing

- D4(SF)/ESF/TR-08
- ANSI T1.403
- **Line Code:** AMI / B8ZS
- **T1 Transmit Timing:** Loop, Local, External

Management Options

Control In / Control Out Ports

- **Interface:** EIA–232, PC Serial Port or Modem
- **Physical Connector:** DB-9

Testing Options

Local and Remote Loopbacks

- Payload and Line
- CSU Loopback

Network Interface Test Jacks

- **Bantam Jack:** RXMON

TR-08 Support

- Conforms with TR-TSY-000008
- TR-08 Mode I, Unconcentrated
- SLC96® framing with alarm reporting/monitoring
- Automatically configures to ORB-13 or ORB-16 alarm messaging formats
- Single Party Ringing (SPR) and Universal Voice Grade (UVG) analog ports supported with FXS modules. CLASS® services also supported with these modules.

Performance Monitoring

- **Reports:** NI information stored for last 8 hours (60-minute increments)
- **PRMS:** ANSI performance report messages

Agency Approvals

- UL 1950
- FCC Part 15 (Class A) and Part 68
- NEBS Level 3

Environment

- **Operating Temperature:** –40° to +70°C
- **Storage Temperature:** –30° to 70°C, (–4° to 158°F)
- **Relative Humidity:** Up to 95%, non-condensing

Physical

- **Dimensions:** 3.5" H, 11" D, 8.5" W
- **Weight:** 8 lbs (fully loaded)

Power

- **AC Power (using external power supply):** 90-130 vAC, 60Hz, 50W Max
- **DC Power:** 40-56 vDC, 50W Max

Ordering Information

Equipment	Part #
TA 750 Chassis	1175001L1
Dual TA 750 Chassis	1175201L1
BCU	1175012L1
PSU	1175006L2
Quad FXS	1175408L2
Quad FXO	1175407L2
Nx56/64	1175025L1
OCU DP	1180005L1
DSO DP	1180003L1
U-BR1TE	1180020L1
AC Power Supply	1175043L3

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