



# Multiservice Access and Aggregation

## Total Access® 5000

### Product Features

- Native Ethernet core
- TDM, ATM and Ethernet network interfaces
- Copper and fiber transport and access
- Fully redundant, carrier class design
- Digital and metallic test access
- Multiple network management capabilities (TL1, SNMP and Telnet) including full FCAPS support
- Supported by ADTRAN Total Access EMS
- Industry leading 10-year warranty

**The ADTRAN Total Access 5000 is a carrier class multi-service access and aggregation platform that bridges the gap between the existing and the next generation networks.** With a pure Ethernet core, the Total Access 5000 supports both legacy and emerging service interfaces over copper and fiber, easily scaling to support even the most bandwidth intensive applications. The Total Access 5000 provides a clear migration path for traditional services like voice through its flexible network uplink options, including support for both TDM and VOIP switches. In addition to supporting both legacy and next generation access interfaces, the Total Access 5000's Ethernet core provides a scalable and cost optimized aggregation point in the network, with interfaces ranging from DS1 to Gigabit Ethernet.

Environmentally hardened, the Total Access 5000 is designed with the service provider in mind and is equally capable of deployment in central office, remote terminal or remote node locations. Instead of a traditional fixed backplane architecture, the Total Access 5000 provides a truly scalable architecture that is designed to migrate with the network, providing flexible copper and fiber termination options based on network applications.

With the simple change of a “personality module”, equipment obsolescence can be avoided and network investments protected with a platform that is also physically capable of scaling to meet the network evolution, not only today but also tomorrow.

The Total Access 5000 supports a variety of access and line modules with supported applications including IP DSLAM, Broadband Loop Carrier, Fiber to the Premises, Fiber to the Node, Ethernet Aggregation and legacy service aggregation. Integrated Ethernet transport options deliver flexible copper or fiber based solutions.

The Total Access 5000 supports a wide variety of management options. Transaction Language 1 (TL1) is used to communicate alarms with Telcordia's NMA Operations Support System (OSS). An Ethernet 10BaseT or standard RS-232 DB-9 connector is used for Telnet access and connection to SNMP networks. Additionally, the Total Access 5000 is supported by ADTRAN's Total Access Element Management System, providing a user friendly GUI.

The Total Access 5000 is designed for deployment in 23 inch relay racks and has 22 access module slots.

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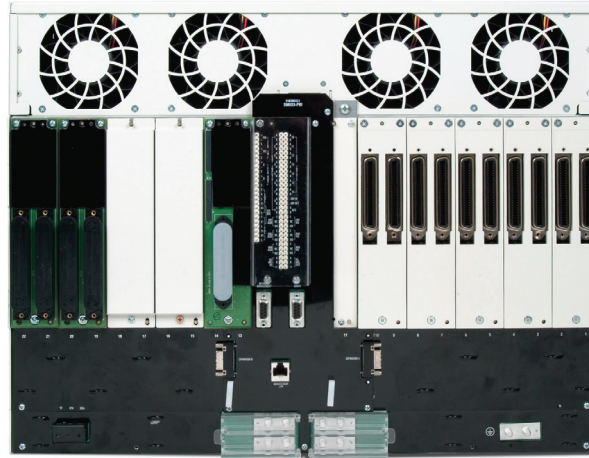


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## Product Specifications

### Mechanical

#### Dimensions:

- Height: 15.75 in.
- Width: 21.5 in.
- Depth: 12 in.
- Weight: 75 lbs.

### Interfaces

- Transport: Ethernet
- Physical: 50-pin AMP, 64-pin AMP, SFP

### Electrical

- DC Power: -42 to -56 VDC
- Connection: Screw terminals (A and B feed)

### Regulatory standards

- NEBS
- GR-1089 CORE
- GR-63 CORE
- NRTL Listed
- FCC Part 15

### Management

- Electrical: DB-9 RS-232 Electrical Interface
- Ethernet: 10Bt interface
- Protocols: SNMP, TLI and Telnet

### Environmental

- Operating Temperature: -40°C to +65°C
- Storage Temperature: -40°C to +70°C
- Relative Humidity: Up to 95%, non-condensing

## Ordering Information

Part #	Equipment
1187001L1	TA5000 CHASSIS 23IN DOMESTIC
1187010L1	TA5000 SYSTEM CONTROL MODULE
1187020L1	TA5000 2GE SWITCH MOD
1187051L1	TA5000 SMI03 SWITCH MOD I/O
1187080L1	TA5000 FAN MOD 23IN CHASSIS
1187081L1	TA5000 FILTER 23IN CHASSIS
1187100L1	TA5000 COMBO A2+ 24-PORT AM
1187101L1	TA5000 ADSL2+ 32-PORT AM
1187105L1	TA5000 SPLTR A2+ 32-PORT AM
1187150L1	TA5000 RPOTS 24-PORT AM
1187300L1	TA5000 T1 8-PORT LM
1187400L1	TA5000 LMIO2-CH64 BRIDGED
1187401L1	TA5000 LMIO2-CH50 DIVIDED PAIR
1187410L1	TA5000 AMIO2-CH50 PUSH THROUGH
1187411L1	TA5000 AMIO3-CH50 PUSH THROUGH
1187450L1	TA5000 AMIO2-CH64 PUSH THROUGH
1187800L1	TA5000 DS1 VOICE GTWY 32-PORT LM
1187801L1	TA5000 DS1 32-PORT LM
1187920L1	TA5000 SM BLANK
1187921L1	TA5000 AM BLANK
1187922L1	TA5000 AM BLANK-DUAL SLOT
1187923L1	TA5000 AMIO2 BLANK
1187924L1	TA5000 AMIO3 BLANK