



# Octal Gigabit Ethernet Access (Line) Module

## Total Access 5000

### Product Features

- Eight 1G/100M capable SFP ports
- Complies with 802.3 interface standards
- Full Range of VLAN ID support
- Subtends ADTRAN NetVanta Carrier Ethernet Network Termination Equipment (NTE)
- Network or edge mode (future)
- Resilient access support via Link Aggregation Control Protocol (LACP), and Ethernet Ring Protection Switching (ERPS)
- Supported by the 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 existing and 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. As an enhancement to the already robust product line, ADTRAN introduces the next-generation Octal Gigabit Ethernet (GE) eight-port access and line module.

Enhancing the Total Access 5000 to support Ethernet services aggregation is achieved by the addition of a new Octal Gigabit Ethernet Access Module (8-port EoF AM). This single slot module can terminate up to 8 GigE facilities, allowing a single Total Access 5000 shelf to terminate multiple 100Mbps and/or 1Gbps access facilities making it one of the densest solutions for Ethernet aggregation or service delivery. The real benefit of this high density Ethernet services platform is that it can be used in conjunction with the existing Ethernet over Copper (EoCu) and/or Ethernet over TDM

(EoTDM) services, allowing multiple business service delivery methods to be provided from a single Total Access 5000 shelf, saving Service Providers rack space, power and management connectivity requirements either in the central office or in remote cabinets. It should be noted that ADTRAN provides optional 10Gbps Switch Modules (1187025G1, 1187030G1) to allow the Total Access 5000 to effectively scale the platform as more 100Mbps and Gigabit Ethernet services are deployed.

GE interfaces are supported via Small Form Factor Pluggable (SFP) modules, providing options for both short and long distance optical and/or electrical interfaces. The Gigabit Ethernet ports can be configured independently to support different speeds, or ports can be “bonded” together via IEEE 802.1AX (formerly 802.3ad) Link Aggregation to deliver up to an aggregate 8 G Ethernet connection to the subtended device.

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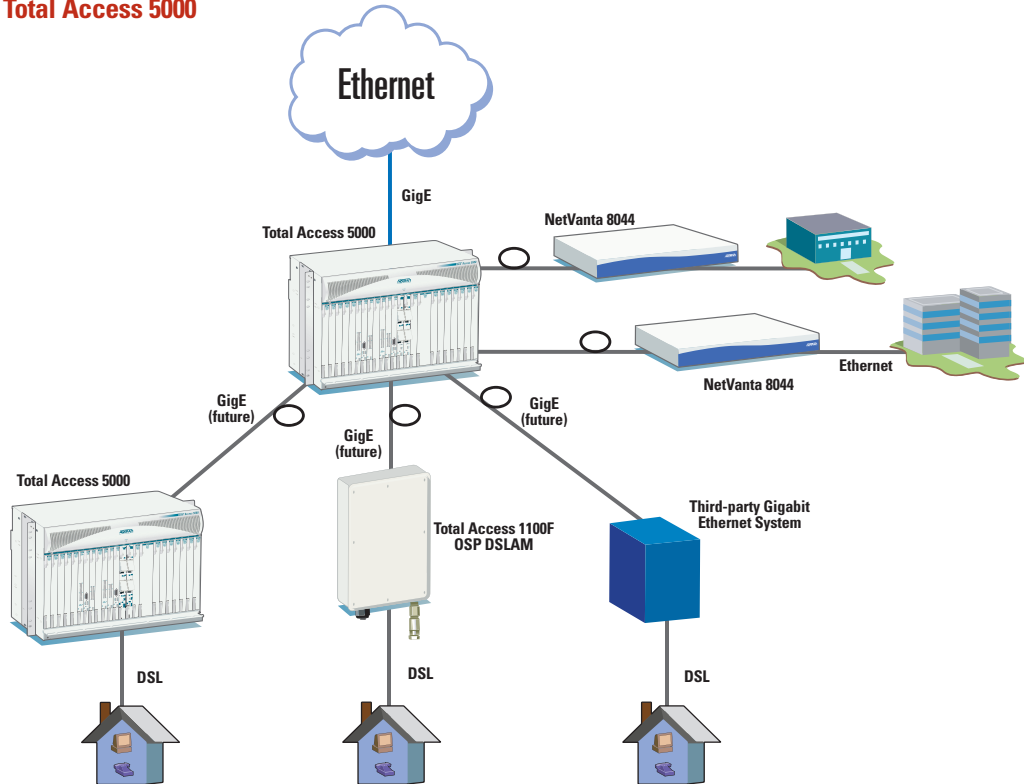
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ADTRAN is an ISO 9001, ISO 14001, and a TL 9000 certified supplier.

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**Total Access 5000**



## Product Specifications

### Mechanical

■ **Dimensions**

- 9.25 in. H x 0.8 in. W x 9.25 in. D

### Interfaces

- 8 Gigabit Ethernet
- SFP based connection

### Regulatory Standards

- NEBS Level 3
- GR-1089 CORE
- GR-63 CORE
- NRTL Listed
- FCC Part 15

### Management

- Remote management is available through Telnet (CLI) and/or SNMP via the Total Access 5000

### Ethernet OAM

- Link OAM
- Service OAM
- IEEE 802.1ag CFM (future)

### Environmental

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

## Ordering Information

Equipment	Part #
Total Access 5000 8-port GigE AM	1187552G1
Total Access 5000 LMI02 High-speed Rear Panel	1187460E1

**Supported Small Form Factor Pluggables (SFPs) for this product may be found at [www.adtran.com/sfp](http://www.adtran.com/sfp)**

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