



# Gigabit Ethernet 4-Port Line Module

## Total Access® 5000

The ADTRAN® Total Access 5000 is a carrier class multiservice 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. For this reason, ADTRAN introduces the Gigabit Ethernet 4-Port Line Module (GE 4-Port LM).

The Total Access 5000 GE 4-Port LM provides four Gigabit Ethernet ports that can be used to extend Ethernet services from the core. It can be installed in a simplex or redundant configuration. The GE 4-port LM can also be used to aggregate other third party, standard Gigabit Ethernet based services or platforms. There are two modes of operation, Network or Edge mode. Network mode provides the ability to either chain and extend the Ethernet core, and Edge mode provides Gigabit Ethernet services directly.

Multiple Gigabit Ethernet network interfaces are supported via SFP modules, including options for both optical and electrical. The Gigabit Ethernet ports can be configured independently to support either network uplinks or downlinks, or they can be “bonded” together via IEEE 802.3ad Link Aggregation to deliver an aggregate two Gigabit Ethernet connection to the network. Local management is through VT100 terminal emulation on the craft interface of the System Controller Module (SCM). Remote management is available through Telnet (menus) and/or SNMP. ADTRAN’s Total Access EMS, a comprehensive management platform for the Total Access product line, can also be used to manage the Total Access 5000 and the GE 4-Port LM.

## Product Features

- Four Gigabit Ethernet Small Form Factor Pluggable (SFP) ports
- Complies with 802.3 interface standards
- Multicast packet replication
- Support for 1:1 and N:1 Virtual Local Area Network (VLAN) topologies
- Full Range of VLAN ID support
- IGMPv2 support
- Network or Edge mode
- Supported by Total Access EMS
- Industry-leading 10-year warranty



Smart Solutions for a  
Connected World.





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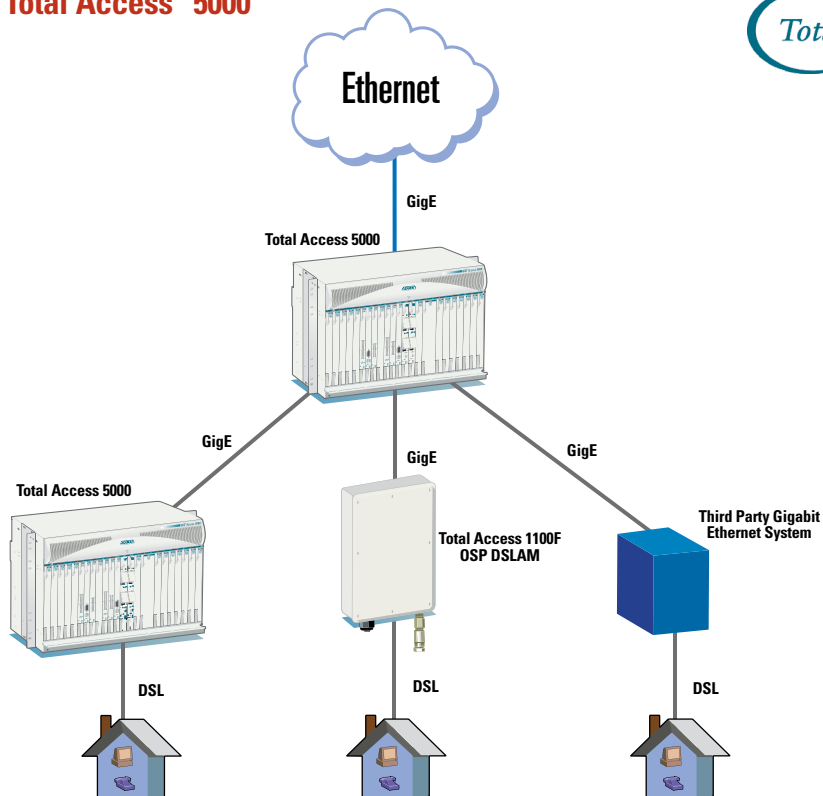


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## Product Specifications

### Mechanical

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

### Interfaces

- **Network Interface:** Gigabit Ethernet
- **Physical Interface**
  - Requires blank panels for backplane
  - 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 (menus) and/or SNMP

### 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 GE 4-Port LM	1187550E1
Total Access 5000 LMIO2 High-speed Rear Panel	1187460E1
<b>Supported Small Form Factor Pluggables (SFPs)</b>	
Gigabit Ethernet SFP Single-mode Intermediate Reach	1184561P1
Gigabit Ethernet SFP, Single-mode 20km	1442320G1
Gigabit Ethernet SFP, Single-mode 40km Maximum	1442340G1
Gigabit Ethernet SFP, Single-mode 80km	1184562P5
Gigabit Ethernet SFP, Multi-mode	1184561P3
Gigabit Ethernet SFP, Copper	1184561P4

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