



# Fan Module

## Total Access 5000 Fan Module

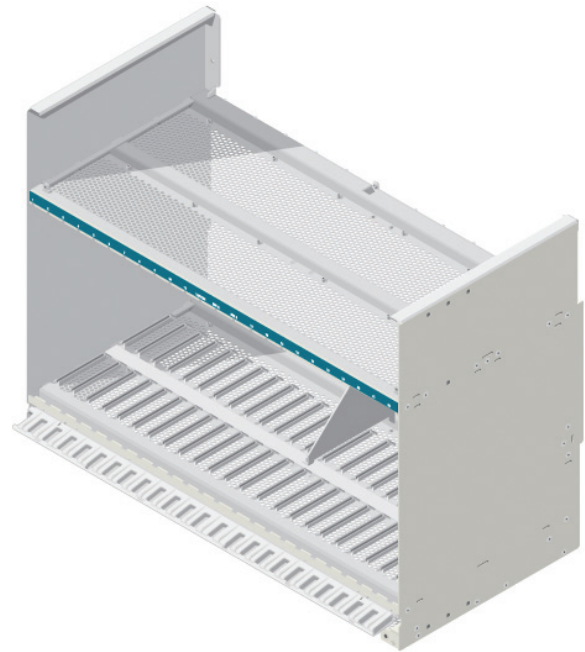
### Product Features

- Optional high-flow fans for Remote Terminal and Outside Plant Deployments
- Four fans with two independent powering circuits
- Fans are processor controlled for proper fan speed depending upon thermal conditions
- Fan blade speeds are monitored to determine if fan failure is impendent
- Extended temperature hardened components (-40°C to +65°C)
- NEBS Level 3 compliant
- Five-year warranty

The Total Access 5000 Fan Modules are a front-mounted assembly containing four fans, fan powering circuitry, and a fan control processor located at the top of the Total Access 5000 chassis. These fans provide forced air cooling to ensure that the Total Access 5000 modules are properly cooled and do not exceed their internal temperature ratings. As additional protection against heat buildup, two independent fan powering circuits are used in the Total Access 5000 Fan Module. Each fan is also sampled by the fan controller for blade speed and will report an impendent fan failure alarm if the fan speed falls below specifications. The Total Access 5000 Fan Controller dynamically manages the fans to run at the minimum speed setting required based on thermal conditions. By running the Fan Module only when required, the life of the fans can be extended while also reducing power draw.

In addition to the standard Total Access 5000 Fan Module, two high-flow fan modules are available with top (chimney) and rear exhaust air-flow. The high-flow fan modules are typically deployed in remote terminal or outside plant deployments that require additional forced air-flow through the system.

The Total Access 5000 Fan Module is a complete assembly and plugs directly into the Total Access 5000 chassis via the Switch Module Input/Output (SMI03). All powering and alarm connections are made through this connector. A front panel LED shows current fan status. The Fan Module supports craft interface management via the Total Access 5000 System Controller Module (SCM). More comprehensive management is available using the Total Access Element Management System (EMS).





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## Total Access 5000 Fan Module



## Product Specifications

### Mechanical

#### Dimensions

- Height: 3.90 inches
- Width: 21.50 inches
- Depth: 12.00 inches
- Weight: 10 lbs.

### Features

- 4 fans processor controlled
- Physical: Built-in connection to Total Access 5000 Shelf

### Regulatory Standards

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

### Management

- Remote management through SNMP and TL1 via Total Access 5000 SCM

### 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 Fan	1187080G1
Total Access 5000 Fan High-flow Top	1187080G2
Total Access 5000 Fan High-flow Rear	1187080G3



TL19.1270



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

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