ION219 Chassis

19-SLOT CHASSIS FOR ION SLIDE-IN MODULES

The ION219 is an intelligent, high-density, multiprotocol system supporting a variety of network interface devices. Designed for both carrier class and enterprise network applications where multiple points of fiber integration and secure network management of the fiber interface devices is essential. An end-to-end fiber integration solution can be achieved by pairing the modules in a high density ION chassis with the modules in another ION chassis, or a Lantronix's stand-alone device. To take full advantage of all the features and functions available with the ION Chassis, an ION Management Module is required. The ION Management Module connects to the chassis backplane and communicates with the individual cards in the ION Chassis. Each slide-in module for the ION Chassis has specific features and functions that are controlled via the ION Management Module. A network administrator can configure, monitor and troubleshoot ION slide-in modules remotely via the ION Management Module.

Lantronix understands that no network is managed in the same manner and that different security levels and management interfaces are often required depending on the deployment of the ION Chassis. With that in mind, the ION Platform has been designed to be one of the most versatile and secure fiber integration systems available today.

Applications:

- Corporate Networks
- Campus Environments
- Data Centers

Markets:

Service Providers

Enterprise

Data Centers

LANTRONIX

Specifications

Slots
- (19) Slots in front for ION slide-in modules
- (2) Slots in rear for power supply modules

Status LEDs
- Power On LED for each installed power supply module

Dimensions
- Width: 17" [430 mm]
- Depth: 15.8" [401 mm]
- Height: 3.5" [89 mm]

Power Consumption
- Up to 150 watts

Power Input
- *Two open bays for ION power supply modules supporting:
- AC: 100 - 240VAC
- DC: -48VDC

Power Output
- 12VDC rated at 200 Watts (max)

Environment
- Operating: 0°C to 50°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

Weight
- 19 lbs. [8.6 kg]

MTBF
- ION219-A: - Greater than 23,570 Hours (MIL-HDBK-217F)
                  - Greater than 64,800 Hours (Bellcore)

- ION219-D: - Greater than 42,900 Hours (MIL-HDBK-217F)
                  - Greater than 118,000 Hours (Bellcore)

Certifications
- UL listed, EN55032, EN55035, CE Mark, UKCA, FCC Class A, CISPR Class A

Warranty
- Lifetime

***Note:** Power supply module supplies +12 VDC maximum to each slot in the chassis. Only one power supply module is required to power the chassis and the installed modules, the optional second power supply module provides redundancy for instant fail-over.

Security Features

When the optional management module is used, the following security features are available, allowing you to control access to the ION Chassis via the ION Management Module, ensuring that only authorized personnel are able to view and change the settings to the slide-in modules.

- Management VLAN
- SSL
- SSH
- IEEE 802.1X
- SNMPv1 & V2c, +V3

Management Features

- Variety of management access methods including; telnet, web, SNMP
- Single slot management module design allows for more slide-in modules to be inserted in the ION Chassis
- Management VLAN
- Based on Public MIBs
- (2) 10/100 Ethernet interfaces
- USB console port
- TFTP upgrade/backup of slide-in modules
- Import/Export configuration files in human readable/editable format
- Multiple community strings

Access Method

- Web-browser: Access the ION Management Module using a standard web browser
- Command Line Interface (CLI): CLI access can be done via telnet remotely or via the local console port on the ION Management Module
- SNMP: Since the ION platform is based on public MIBs you can easily manage the ION with a standard network management system (NMS) such as SNMPc, HPOV or any other standard SNMP platform
- Focal Point: Lantronix offers a free SNMP graphical user interface (GUI) software for management purposes. Focal Point offers full read and read/write capabilities in a user friendly GUI

Ordering Information

Part Number	Description
ION219-A	19-Slot Chassis for the ION Platform with (1) AC Power Supply
ION219-D	19-Slot Chassis for the ION Platform with (1) DC Power Supply
ION219-AAMB	19-Slot Chassis for the ION Platform with (2) AC power supplies and (1) ION Management Module

Optional Accessories

Part Number	Description
IONPS-A-R1	ION Power Supply Module Universal Input 100 - 240 VAC
IONPS-D-R1	-48 VDC Power Supply Module
IONMM	ION Management Module
IONFP	ION Face Plate (required for all empty slots) (10 face plates included with the ION219)
WMBC-2RU	Wall mount brackets for 2RU Chassis
IONRE-23	ION 23" Rack Mount Ears for ION 19-Slot Chassis (19" ears included with the ION219)

Power Cord Included

To order the corresponding country specific power cord, add the extension from the list below to the end of the SKU; Ex: ION219-A-**NA**

Note: Only for ION219-A and ION219-AAMB

-NA = Country Code

-NA = North America	-LA = Latin America	-EU = Europe
-UK = United Kingdom	-SA = South Africa	-JP = Japan
-OZ = Australia	-BR = Brazil	

Learn more at lantronix.com/ION219

LANTRONIX