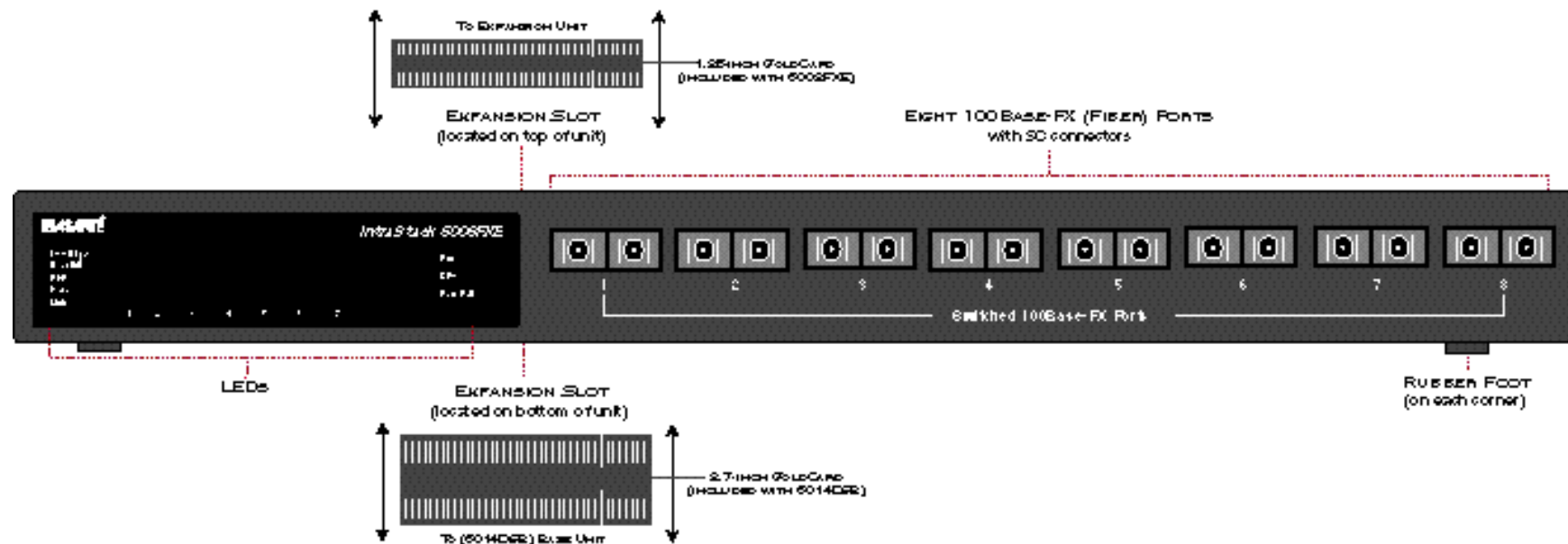


IntraStack™ 6008FXE



Overview

The Asanté IntraStack 6008FXE is an 8-port fiber expansion unit for the IntraStack 6014DSB Ethernet switch.

The IntraStack 6008FXE provides expansion to the 6014DSB with eight 100Mbps fiber-optic links. Each port is capable of running at a maximum bandwidth of 200Mbps in full duplex mode.

▲ **Important:** The IntraStack 6008FXE is not a stand-alone switch; it must be connected to an IntraStack 6014DSB.

This guide provides instructions for mounting, installing, and connecting your IntraStack 6008FXE. For information on managing the IntraStack 6008FXE or configuring one of its ports, refer to the IntraStack 6014DSB User's Manual.

Package Contents

The IntraStack 6008FXE is shipped with the following items:

- | | |
|---------------------------------------|---|
| (1) IntraStack 6008FXE Expansion Unit | (3) Stack-mounting brackets |
| (1) GoldCard™ connector (1.25-inch) | (2) Rack-mounting brackets |
| (1) Power cord | (14) Standard Phillips screws (10/32 x .5") |
| (2) Stack-mounting pins | (1) Installation Guide (this card) |
| | (1) Registration card |

Additional materials required:

- Network cables — 62.5/125 micron graded-index multimode fiber-optic cable with an SC connector.
- Phillips screwdriver — for rack-mounting the IntraStack 6008FXE.

Default Port Setting

The IntraStack 6008FXE is shipped with the following default port configuration setting:

- Full Duplex Mode on all ports

1 Prepare for Rack Mounting

If your IntraStack 6014DSB is installed in an equipment rack, the IntraStack 6008FXE must be prepared for rack mounting by installing the two rack-mounting brackets (included in this package) on the 6008FXE.

For example, if you are installing the 6008FXE onto an IntraStack 6014DSB base unit that is installed in an equipment rack, mount the two rack-mounting brackets on the IntraStack 6008FXE, then install the 6008FXE onto the 6014DSB (while the 6014DSB remains in the equipment rack).

If your IntraStack switching system is not installed in an equipment rack, make sure the units are placed on a stable, horizontal surface with support capabilities of 21.5 pounds (9.7 kilograms) (31 pounds [14 kilograms] for a full stack of 3 units).

Install Rack-Mounting Brackets

To install the two rack-mounting brackets on the IntraStack 6008FXE:

1. Place the IntraStack 6008FXE on a flat, stable surface.
2. Locate a rack-mounting bracket (supplied) and place it over the mounting holes on one side of the unit, as shown below.



3. Insert four screws (supplied) into the holes and tighten with a Phillips screwdriver.
4. Repeat the two previous steps for the unit's other side.
The IntraStack 6008FXE is ready to be installed onto an IntraStack 6014DSB.
5. Proceed to Step 2, "Determine Placement in the IntraStack System" to continue with the installation.

2 Determine GoldCard Connector

The IntraStack's stackable design uses Asanté's GoldCard connector technology to expand the switching system via a 2Gbps PCI backplane connector.

Up to two expansion units can be added to the **top** of an IntraStack 6014DSB.

- s **Important:** IntraStack expansion units, such as the 6008FXE, must be installed on **top** of an IntraStack 6014DSB base unit.

Depending upon the placement of the IntraStack 6008FXE in the IntraStack switching system — either on top of the 6014DSB or on top of another expansion unit—you may need to use the 2.7-inch GoldCard connector included with the IntraStack 6014DSB or the 1.25-inch GoldCard connector included with the 6008FXE expansion unit.

Installing on Top of the 6014DSB Base Unit

If you are installing the IntraStack 6008FXE directly on top of the 6014DSB:

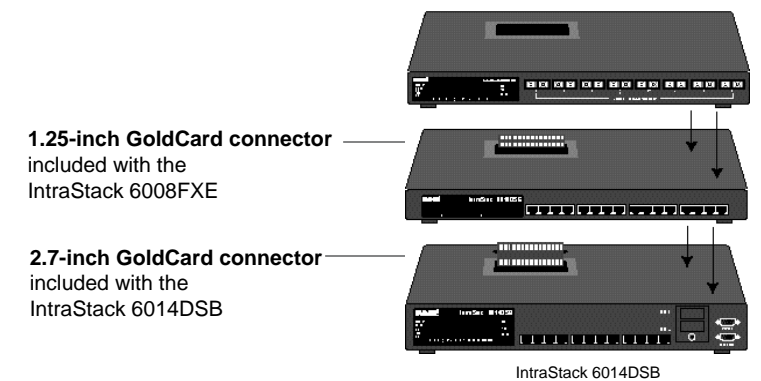
- Use the **2.7-inch GoldCard connector** included with the IntraStack 6014DSB.

- s **Important:** Do **not** install the 1.25-inch GoldCard connector included in this package into an IntraStack 6014DSB (base unit).

Installing on Top of another Expansion Unit

If you are installing the 6008FXE on top of another expansion unit:

- Use the **1.25-inch GoldCard connector** included in this package.



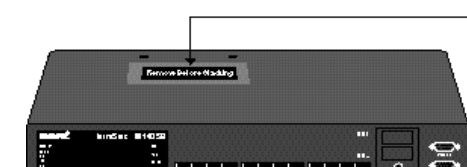
3 Install the IntraStack 6008FXE

The IntraStack 6008FXE can be installed onto an IntraStack 6014DSB (or onto another expansion unit) while the 6014DSB is installed in an equipment rack.

To install the IntraStack 6008FXE :

Note: These instructions pertain to installing the 6008FXE onto an IntraStack 6014DSB or onto another expansion unit; however, as an example, the IntraStack 6008FXE will be installed directly on top of an IntraStack 6014DSB in these instructions.

1. Make sure all IntraStack units are powered off.
2. Make sure the IntraStack 6014DSB is on a flat, stable surface or is properly installed in an equipment rack.
3. Remove the protective covering from the top of the IntraStack 6014DSB to expose its expansion slot.

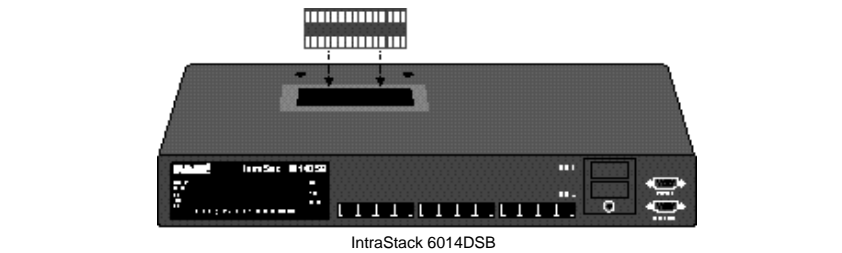


Expansion Slot
remove protective covering; do not remove the two EMI gasket strips (these strips are parallel with the expansion slot)

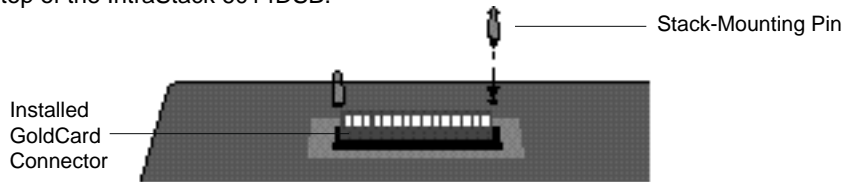
Installation Guide

Install the IntraStack 6008FXE (continued)

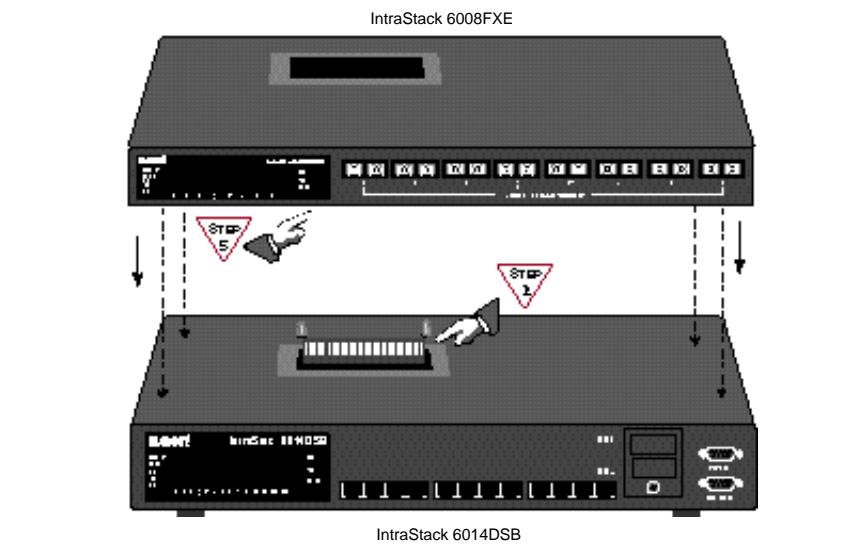
4. Insert the 2.7-inch GoldCard connector into the 6014DSB's expansion slot. If you are installing the 6008FXE on top of another expansion unit, use the 1-inch GoldCard connector that came with the 6008FXE.
- s **Important:** For more information on Goldcard connectors, see panel 2, "Determine GoldCard Connector."



5. Press firmly into place.
6. Screw the two stack-mounting pins (included with the 6008FXE) into the holes on top of the IntraStack 6014DSB.



- The stack-mounting pins help align and secure the IntraStack 6008FXE to the IntraStack 6014DSB.
7. Take the IntraStack 6008FXE and remove the label from the bottom of the unit to expose
8. Carefully align the IntraStack 6008FXE with the IntraStack 6014DSB, ensuring the GoldCard connector is properly aligned. Press the IntraStack 6008FXE onto the IntraStack 6014DSB, ensuring the GoldCard connector is properly aligned.



9. Press firmly into place. The installation of the IntraStack 6008FXE is complete.

If the IntraStack system is installed in an equipment rack, secure the IntraStack 6008FXE to the equipment rack following the instructions in Panel 4, "Securing to an Equipment Rack."

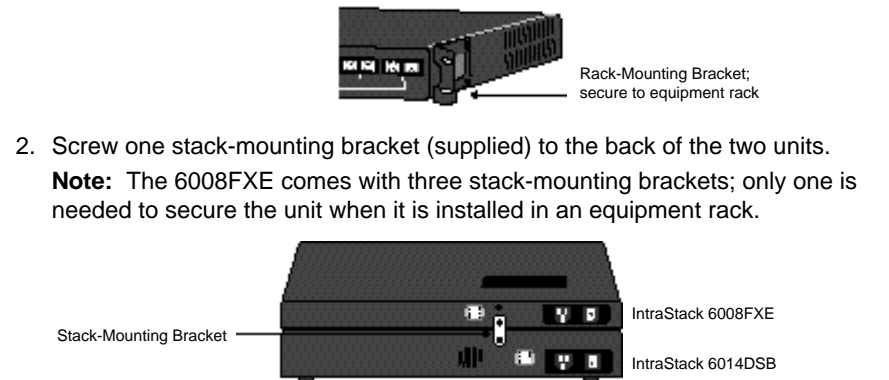
If the IntraStack system is placed on a desktop, follow the instructions in Panel 4,

4 Secure to Equipment rack or Prepare for Desktop Placement

Securing to an Equipment rack

If your IntraStack switching system is installed in an equipment rack, secure the IntraStack 6008FXE to the equipment rack following the instructions below.

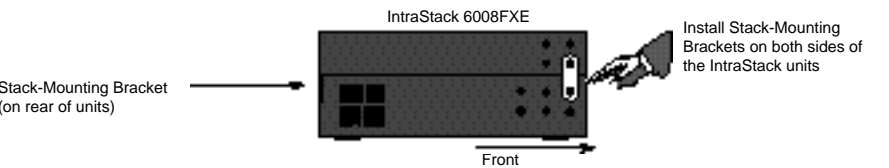
1. Screw the IntraStack 6008FXE's two mounting brackets to the equipment rack.



Preparing for Desktop Placement

If your IntraStack switching system is placed on a desktop, secure the three stack-mounting brackets to the IntraStack 6008FXE and the unit to which it is mounted.

1. Screw one stack-mounting bracket (supplied) to the back of the two units (see the illustration above).
2. Screw the two remaining stack-mounting brackets to the sides of the two units.



5 Connect Power

To connect the IntraStack 6008FXE's power cord:

1. Plug one end of the supplied power cord into the power connector on the back of the IntraStack 6008FXE and the other end into an AC outlet.
2. Do **not** power on the IntraStack 6008FXE until you review the power-on sequence described below.

Power-On Sequence

1. Power on the expansion unit **first**.
2. Power on the IntraStack 6014DSB **last**.

Power-Off Sequence

1. Power off the expansion unit **first**.
2. Power off the IntraStack 6014DSB **last**.

- s **Important:** An IntraStack system will not function properly if an expansion unit is powered off within the stack while the other unit(s) remain powered on.

6 Connect Network Devices

To connect network devices to any of the IntraStack 6008FXE's eight fiber-optic ports:

- Use a 62.5/125 micron graded-index multimode fiber-optic cable with an **SC** connector.

Redundant Power Supply

The IntraStack 6008FXE has a redundant power supply connector (located on the unit's back panel) that can be used to connect to an external Asanté RPSU 6000 redundant power supply unit (sold separately).

The RPSU 6000 provides the IntraStack 6008FXE with power in the event that the 6008FXE's main power connection fails. Refer to the RPSU 6000's Installation Guide for more information.

LED Indicators

LED	Color	Meaning
Power	green	The IntraStack 6008FXE is receiving electrical power.
RPS	amber	The IntraStack 6008FXE's connection to its internal power supply has failed and the unit is using the redundant power supply (if connected).
Fan Fail	amber	One, or possibly both, of the IntraStack 6008FXE's internal fans has failed.
Max Util	amber	The port's receive buffer is full (maximum utilization). <i>Note:</i> It is normal to see these LEDs illuminate during extremely high periods of network activity.
FDP	amber	The port is operating in full duplex mode. <i>Note:</i> The duplex mode for a port is set via the IntraStack 6014DSB's software. See the IntraStack 6014DSB's User's Manual for instructions.
Data	green	Traffic activity is occurring on a port (transmit [TX] or receive [RX]).
Link	green	A node or other network device is properly connected to the port.

Technical Specifications

Dimensions	17.1" x 14.5" x 1.75" (434.3 x 368.3 x 44.5 mm)	
Weight	9.5 lbs. (4.3 kg.)	
Power Specifications	Voltage Range:	100 - 240 VAC
	Frequency:	50/60 Hz
	Max. Input Current	1.0 A(RMS) @ 115 VAC
Environment	Temperature: 0° to 40° C; Relative Humidity: 5% to 85% non-condensing	
Standards Compliance	Safety:	UL, CSA, VDE, TUV
	Emissions:	FCC Class A, EN55022, CE Class B
Redundant Power Supply	Asanté RPSU 6000 (part number 99-00454-07)	

Asking for Assistance

Telephone.....	(800) 622-7464	AppleLink mail/BBS	ASANTE
Fax.....	(408) 432-6018	FTP Archive	ftp.asante.com
Fax-Back.....	(800) 741-8607	Internet mail	support@asante.com
Bulletin Board Service (BBS)	(408) 432-1416	World Wide Web Site	http://www.asante.com
ARA BBS (guest login).....	(408) 432-1416		

Technical Support Hours: 6:00 a.m. to 5:00 p.m. Pacific Standard Time, Monday-Friday
For troubleshooting tips, refer to Appendix A in the IntraStack 6014DSB User's Manual.

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Asanté, IntraStack, and GoldCard are trademarks of Asanté Technologies, Inc. All other product names are trademarks or registered trademarks of their respective companies.
FCC Information
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case, you must correct the interference at your own expense.
Product Warranty
This IntraStack 6008FXE has a three-year warranty which applies to the original purchaser of the product. Asanté Technologies, Inc. warrants that this product will be free from defects in title, materials, and manufacturing workmanship during the warranty period. If the IntraStack 6008FXE is found to be defective, then, as your sole remedy and the manufacturer's only responsibility, Asanté Technologies, Inc. will repair or replace the product. This warranty does not apply to IntraStack 6008FXE products that have been subject to abuse, misuse, abnormal electrical or environmental conditions, or any condition other than what can be considered normal use. The warranty card must be filed with Asanté Technologies, Inc. within 30 days after the date of purchase.
Warranty Disclaimers
Asanté Technologies, Inc. makes no other warranties, express, implied, or otherwise, regarding the IntraStack 6008FXE, and specifically disclaims any warranty for merchantability or fitness for a particular purpose. The exclusion of implied warranties is not permitted in some states and exclusions specified herein may not apply to you. This warranty provides you with specific legal rights. There may be other rights you have which vary from state to state.
The liability of Asanté Technologies, Inc. arising from this warranty and sale shall be limited to a refund of the purchase price. In no event shall Asanté Technologies, Inc. be liable for costs of procurement