



**BROCADE**

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August 18, 2010

Dear Brocade® Partner,

This letter is a formal notification that Brocade is initiating the End of Life (EOL) process for the Brocade FastIron® Edge X Series version 4. Pursuant to the terms of your agreement with Brocade, this letter serves as your formal written EOL notification, which will allow for appropriate planning and opportunity for last time purchases.

The recommended product replacement is the FastIron Edge X Series version 6.

Brocade will continue to offer and provide support for the EOL products five (5) years from the Last Ship Date below for those customers with a valid support contract.

The objective of the Brocade account management team is to smoothly transition opportunities to the new products by planning to the following milestones:

**Brocade FESXv4 series**

- EOL Notification Date 8/18/2010
- Last Time Order (LTO) Final,  
Non-Cancelable, Non-Returnable Orders Due Date 2/28/2011
- EOL Last Ship Date (LCS) 3/31/2011
- End of Support (EOS) Date 3/31/2016

Brocade EOL Product Part Number	Product Description
FESX424	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP Gigabit Ethernet (GbE) for copper or fiber uplink connectivity. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software and two (2) ports of 10 GbE.
FESX424-PREM	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply. The switch is field upgradeable with two (2) ports of 10 GbE.
FESX424-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software and two (2) ports of 10 GbE.
FESX424-PREM-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with

	four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply. The switch is field upgradeable with two (2) ports of 10 GbE.
FESX424+1XG	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424+1XG-PREM	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply.
FESX424+1XG-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424+1XG-PREM-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply.
FESX424+2XG	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424+2XG-PREM	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt AC power supply.
FESX424+2XG-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424+2XG-PREM-DC	FastIron Edge X424 includes 24 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 220 watt DC power supply.
FESX448	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with advanced L2 and Base L3 IPv4

	Brocade IronWare software and one (1) 600 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software and two (2) ports of 10 GbE.
FESX448-PREM	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 600 watt AC power supply. The switch is field upgradable with two (2) ports of 10 GbE.
FESX448-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software and two (2) ports of 10 GbE.
FESX448-PREM-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply. The switch is field upgradable with two (2) ports of 10 GbE.
FESX448+1XG	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 600 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software. .
FESX448+1XG-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP port. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
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FESX448+1XG-PREM-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes one (1) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply.
FESX448+2XG	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 600 watt AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software. .
FESX448+2XG-PREM	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with advanced

	Full L3 IPv4 Brocade IronWare software and one (1) 600 watt AC power supply.
FESX448+2XG-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX448+2XG-PREM-DC	FastIron Edge X488 includes 48 ports 10/100/1000 Mbps Ethernet with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. The switch also includes two (2) 10 GbE XFP ports. XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) 600 watt DC power supply.
FESX424HF	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424HF-PREM	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) AC power supply.
FESX424HF-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) DC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424HF-PREM-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) DC power supply.
FESX424HF+1XG	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with one (1) XFP 10 GbE port. 10 GbE XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) AC power supply. The switch is field upgradable to Full L3 IPv4 Brocade IronWare software.
FESX424HF+1XG-PREM	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with one (1) XFP 10 GbE port. 10 GbE XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) AC power supply.
FESX424HF+1XG-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with one (1) XFP 10 GbE port. 10 GbE XFP transceivers must be ordered separately. The switch ships with advanced

	L2 and Base L3 IPv4 Brocade IronWare software and one (1) DC power supply. The switch is field upgradeable to Full L3 IPv4 Brocade IronWare software.
FESX424HF+1XG-PREM-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with one (1) XFP 10 GbE port. 10 GbE XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) DC power supply.
FESX424HF+2XG	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with two (2) XFP 10 GbE ports. 10 GbE XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and AC power supply. The switch is field upgradeable to Full L3 IPv4 Brocade IronWare software.
FESX424HF+2XG-PREM	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with two (2) XFP 10 GbE ports. 10 GbE XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) AC power supply.
FESX424HF+2XG-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with two (2) XFP 10 GbE ports. 10 GbE XFP transceivers must be ordered separately. The switch ships with advanced L2 and Base L3 IPv4 Brocade IronWare software and one (1) DC power supply. The switch is field upgradeable to Full L3 IPv4 Brocade IronWare software.
FESX424HF+2XG-PREM-DC	FastIron Edge X424HF includes 24 ports 100/1000 Mbps SFP with four (4) combination RJ45/SFP GbE for copper or fiber uplink connectivity. 100 Mbps and 1000 Mbps SFP transceivers must be ordered separately. The switch comes configured with two (2) XFP 10 GbE ports. 10 GbE XFP transceivers must be ordered separately. The switch ships with Full L3 IPv4 Brocade IronWare software and one (1) DC power supply.
FESX424-POE	FastIron Edge X424-POE includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port and one (1) AC power supply.
FESX424-POE-PREM	FastIron Edge X424-POE-PREM premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port and one (1) AC power supply.
FESX424-POE-DC	FastIron Edge X424-POE-DC includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port and one (1) DC power supply.
FESX424-POE-PREM-DC	FastIron Edge X424-POE-PREM-DC premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port and one (1) DC power supply.
FESX424-POE+1XG	FastIron Edge X424-POE+1XG includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 1-port XFP 10 GbE and one (1) AC power supply.

FESX424-POE+1XG-PREM	FastIron Edge X424-POE+1XG-PREM premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 1-port XFP 10 GbE, and one (1) AC power supply.
FESX424-POE+1XG-DC	FastIron Edge X424-POE+1XG-DC includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 1-port XFP 10 GbE and one (1) DC power supply.
FESX424-POE+1XG-PREM-DC	FastIron Edge X424-POE+1XG-PREM-DC premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 1-port XFP 10 GbE and one (1) DC power supply.
FESX424-POE+2XG	FastIron Edge X424-POE+2XG includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 2-port XFP 10 GbE and one (1) AC power supply.
FESX424-POE+2XG-PREM	FastIron Edge X424-POE+2XG-PREM premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 2-port XFP 10 GbE and one (1) AC power supply.
FESX424-POE+2XG-DC	FastIron Edge X424-POE+2XG-DC includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 2-port XFP 10 GbE and one (1) DC power supply.
FESX424-POE+2XG-PREM-DC	FastIron Edge X424-POE+2XG-PREM-DC premium (PREM) includes 24-port 10/100/1000 802.3af with 4-port Combo copper/fiber GbE ports 10/100/1000 Mbps (RJ45) or GbE Fiber (SFP) connectivity per port, 2-port XFP 10 GbE and one (1) DC power supply.
RPS-X424-POE	Redundant power supply (600W) for the FESX424-POE only
RPSDC-X424-POE	Redundant DC (600W) for the FESX424-POE

**Recommended Product Replacement:**

**FESX424 Models:**

EOL Part Number	Replacement Part Number
FESX424	FESX624
FESX424-PREM	FESX624-PREM
FESX424-DC	FESX624-DC
FESX424-PREM-DC	FESX624-PREM-DC
FESX424+1XG	FESX624+2XG
FESX424+1XG-PREM	FESX624+2XG-PREM
FESX424+1XG-DC	FESX624+2XG-DC
FESX424+1XG-PREM-DC	FESX624+2XG-PREM-DC
FESX424+2XG	FESX624+2XG
FESX424+2XG-PREM	FESX624+2XG-PREM
FESX424+2XG-DC	FESX624+2XG-DC
FESX424+2XG-PREM-DC	FESX624+2XG-PREM-DC

**FESX448 models**

<b>EOL Part Number</b>	<b>Replacement Part Number</b>
FESX448	FESX648
FESX448-PREM	FESX648-PREM
FESX448-DC	FESX648-DC
FESX448-PREM-DC	FESX648-PREM-DC
FESX448+1XG	FESX648+2XG
FESX448+1XG-DC	FESX648+2XG-DC
FESX448+1XG-PREM	FESX648+2XG-PREM
FESX448+1XG-PREM-DC	FESX648+2XG-PREM-DC
FESX448+2XG	FESX648+2XG
FESX448+2XG-PREM	FESX648+2XG-PREM
FESX448+2XG-DC	FESX648+2XG-DC
FESX448+2XG-PREM-DC	FESX648+2XG-PREM-DC

**FESX424-HF models**

<b>EOL Part Number</b>	<b>Replacement Part Number</b>
FESX424HF	FESX624HF
FESX424HF-PREM	FESX624HF-PREM
FESX424HF-DC	FESX624HF-DC
FESX424HF-PREM-DC	FESX624HF-PREM-DC
FESX424HF+1XG	FESX624HF+2XG
FESX424HF+1XG-PREM	FESX624HF+2XG-PREM
FESX424HF+1XG-DC	FESX624HF+2XG-DC
FESX424HF+1XG-PREM-DC	FESX624HF+2XG-PREM-DC
FESX424HF+2XG	FESX624HF+2XG
FESX424HF+2XG-PREM	FESX624HF+2XG-PREM
FESX424HF+2XG-DC	FESX624HF+2XG-DC
FESX424HF+2XG-PREM-DC	FESX624HF+2XG-PREM-DC

**FESX424-POE models**

<b>EOL Part Number</b>	<b>Replacement Part Number</b>
FESX424-POE-PREM	FCX624S-HPOE
FESX424-POE-DC	None
FESX424-POE-PREM-DC	None
FESX424-POE+1XG	FCX624S-HPOE + FCX-2XG
FESX424-POE+1XG-PREM	FCX624S-HPOE + FCX-2XG
FESX424-POE+1XG-DC	None
FESX424-POE+1XG-PREM-DC	None
FESX424-POE+2XG	FCX624S-HPOE + FCX-2XG
FESX424-POE+2XG-PREM	FCX624S-HPOE + FCX-2XG

FESX424-POE+2XG-DC	None
FESX424-POE+2XG-PREM-DC	None

**FRUs & Options**

<b>EOL Part Number</b>	<b>Replacement Part Number</b>
FESX424-L3U	FESX624-L3U-IPV4
FESX448-L3U	FESX648-L3U-IPV4
X4-1XG	None
X4-2XG	X6-2XG

**Support Pricing**

The end-user service and support price will remain unchanged at present. Brocade reserves the right to increase the end-user service and support price at a later date.

Please contact your account manager for any questions or concerns that you may have.

Sincerely,  
BROCADE

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Brocade