



XTM 1050

Replacement Parts Installation

Instructions to replace or install:

- Power Supply
- Chassis Fan
- Fiber Card
- 10 Gb Interface Module

WARNING!

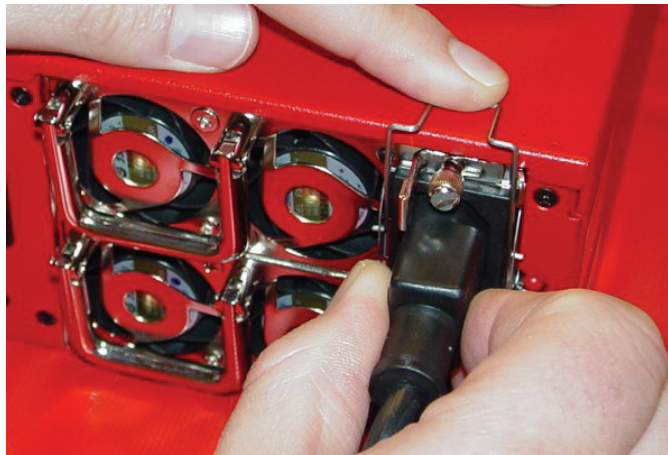


Do not open the XTM 1050 or try to replace or install any part unless you are a network hardware technician, experienced in the service of electrical equipment, and have read and understood these instructions. Failure to adhere to the instructions and warnings in this document could result in personal injury or damage to the device.

Replacement of Power Supply

Items in box	Replacement part and instructions
Necessary tools	Slotted (flat-head) screwdriver
Necessary environment	The XTM 1050 can be in its normal location with the power connected.
Necessary training	Network hardware technician experienced in the service of electrical equipment

1. Lift the power cord holder on the defective power supply and remove the power cable.



2. With a flat-head screwdriver or your fingers, loosen the screw that attaches the power supply to the XTM 1050. Do not try to remove the screw from the power supply.



WARNING!

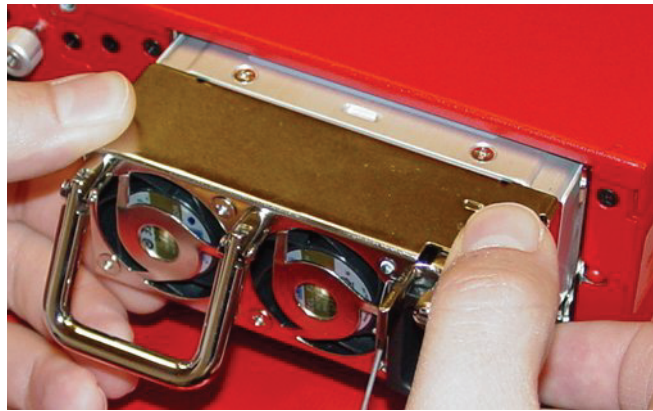


The power supply can be extremely hot when removed. The top of each power supply is a heat sink and can reach temperatures of 50 - 60 degrees Celsius (122-140 Fahrenheit). Avoid any contact until the metal has cooled. Do not put the power supply directly on a heat sensitive surface.

3. Find the metal tab to the left of the screw. Push the metal tab to the left and use the power supply handle to pull the power supply out.



4. Slide the replacement power supply into the open slot.
5. Press on the face of the new power supply until it is flush with the back of the XTM 1050 and then tighten the screw.



6. Lift the power cord holder and plug in the power cord. If the replacement is successful, the power indicator light for the new power supply is green.



Replacement of a Chassis Fan

Items in box	Replacement part and instructions
Necessary tools	#2 Phillips screwdriver (small)
Necessary environment	The XTM 1050 can be in its normal location with the power connected.
Necessary training	Network hardware technician experienced in the service of electrical equipment

1. With a screwdriver or your fingers, loosen the four screws that attach the fan to the XTM 1050. Do not try to remove the screws from the fan.



2. Grasp the top two screws and pull the fan out.
3. Take the new fan and push it into place. Tighten all four screws.



Installation of the Fiber Card

Items in box	Replacement part and instructions
Necessary tools	Slotted (flat-head) screwdriver
Necessary environment	For the safety and functionality of the device, you must do the fiber card replacement procedure at an Electro-Static Discharge (ESD) certified lab or on an ESD certified surface.
Necessary training	Network hardware technician experienced in the service of electrical equipment

WARNING!



Failure to power off the XTM 1050, disconnect the power cords from the back of the XTM 1050 and from the power source, and wait two minutes for power dissipation before removing the network card from the XTM 1050 and performing the installation of the fiber card, can result in personal injury or death.

CAUTION



Electro-Static Discharge (ESD) can cause damage to the network card, fiber card and the motherboard. Attach an ESD strap to your wrist and to a grounded source before you open the device or remove any module. Wear the ESD strap during the full procedure.

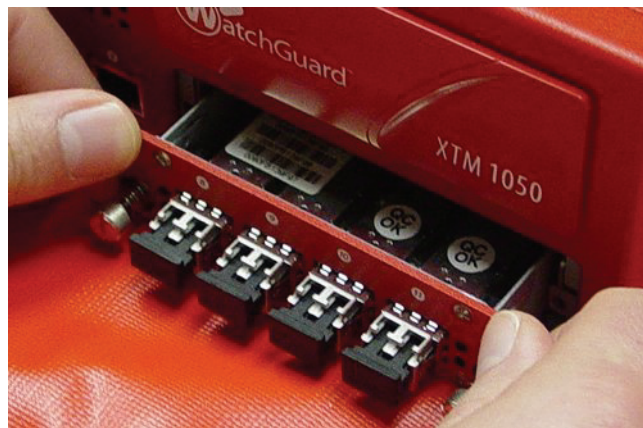
1. With a flat-head screwdriver or your fingers, loosen the screws that attach the network card to the XTM 1050. Do not try to remove the screws from the network card.



2. Grasp the two screws and pull out the network card.



3. Slide the fiber card into the slot.



4. Push until the fiber card is flush with the front of the XTM 1050 and then tighten the screws.



Installation of the 10 Gb Interface Module

Items in box	Replacement part and instructions
Necessary tools	Slotted (flat-head) screwdriver
Necessary environment	For the safety and functionality of the device, you must do the 10 Gb Interface Module replacement procedure at an Electro-Static Discharge (ESD) certified lab or on an ESD certified surface.
Necessary training	Network hardware technician experienced in the service of electrical equipment

WARNING!



Failure to power off the XTM 1050, disconnect the power cords from the back of the XTM 1050 and from the power source, and wait two minutes for power dissipation before removing the network card from the XTM 1050 and performing the installation of the 10 Gb Interface Module, can result in personal injury or death.

CAUTION



Electro-Static Discharge (ESD) can cause damage to the network card, fiber card and the motherboard. Attach an ESD strap to your wrist and to a grounded source before you open the device or remove any module. Wear the ESD strap during the full procedure.

1. With a flat-head screwdriver or your fingers, loosen the screws that attach the network card to the XTM 1050. Do not try to remove the screws from the network card.



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2. Grasp the two screws and pull out the network card.
 3. Slide the 10 Gb Interface Module into the slot.
 4. Push until the 10 Gb Interface Module is flush with the front of the XTM 1050 and then tighten the screws.



About Interface Numbers

When you install the 10 Gb Interface Module, you replace four 10/100/1000 Mbps network interfaces with two 10 Gb network interfaces. After you install the 10 Gb Interface Module, the 10 Gb interfaces are interfaces 8 and 9. Interfaces 10 and 11 are still visible in the device configuration, but are unused, even if you configure them in the management software.

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