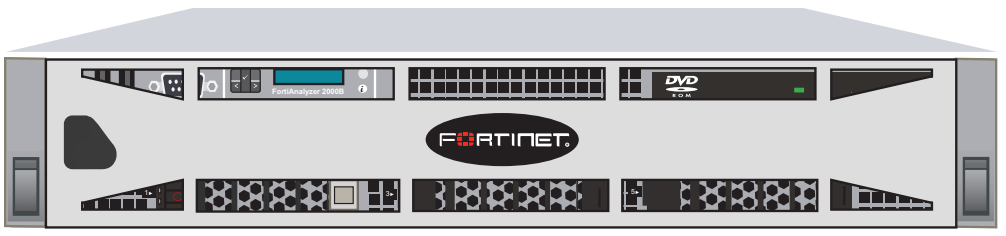
LED	State	Description
LCD panel	Blue	Normal system operation. Flashes when the System ID button is pressed.
	Amber	System requires attention. An error code and message is shown.
Hard drives	Green	Drive online.
	Slow green blinking	Drive rebuilding.
	Blinks amber 4 times per second	Drive failed.
	Blinks green, amber, and off	Drive predicted failure.
	Blinks green 2 times per second	Identify drive/preparing for removal.
	Off	Drive ready for insertion or removal
Ports 1 to 4	Activity (right) indicator Green flashing	Network data is being sent or received.
	Link/speed (left) indicator is Green	Connected at 1000 Mbps.
	Link/speed (left) indicator is Amber	The interface is connected at 10/100 Mbps.
	Off	Not connected to network.
Ports 5 and 6	Activity (right) Green	Port has power and network connection.
	Activity (right) Green flashing	Network data is being sent or received.
	Link/speed (left) indicator is Green	Connected at 1000 Mbps.
	Link/speed (left) indicator is Amber	The interface is connected at 10/100 Mbps.
	Off	Connected at 10 Mbps.
Power supply indicator	Off	AC power is not connected.
	Green	Power supply operational.
	Amber	Power supply problem.
	Blinks green and amber	Power supply is mismatched with other power supply.
System Status indicator	Blue	Power indicator on the back of the system. Flashes when the System ID button is pressed.

QuickStart Guide

FortiAnalyzer-2000B



Regulatory Compliance
FCC Class B Part 15 CSA/CUS
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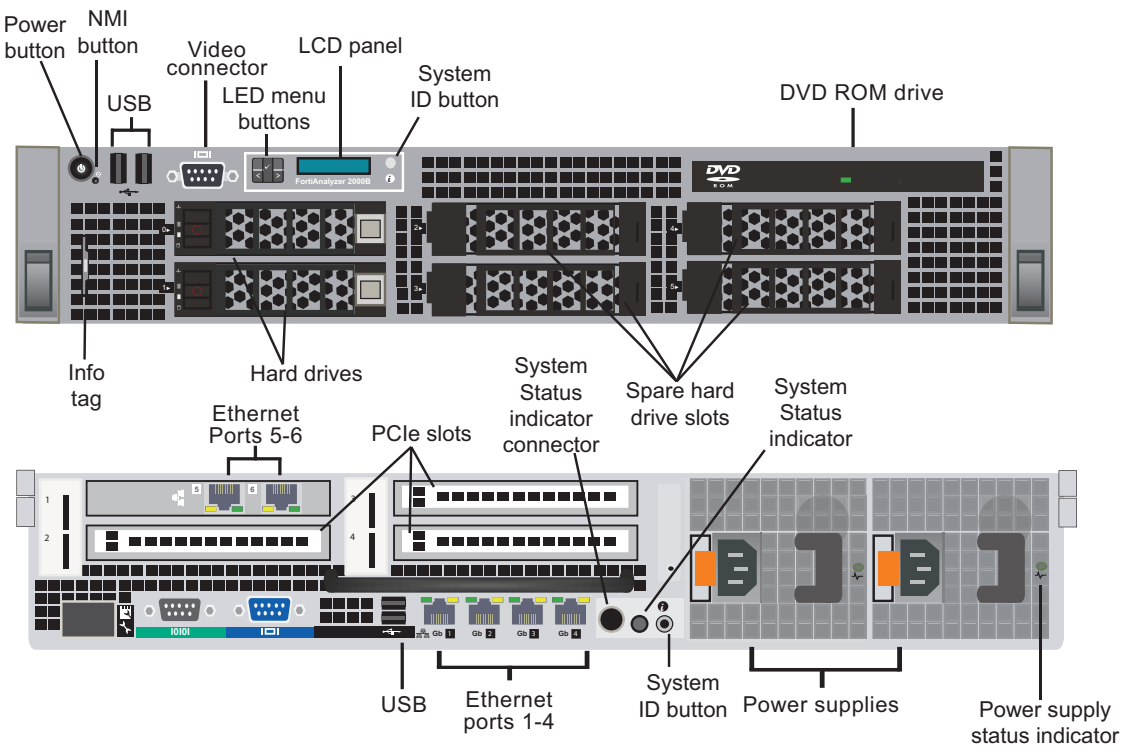
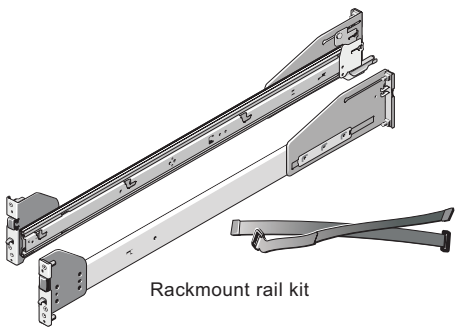
05-40001-111034-20090924

Package Contents

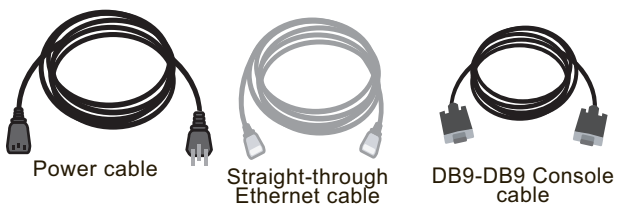
Interface	Type	Speed	Protocol	Description
Ports 1 to 6	RJ-45	10/100/1000 Base-T	Ethernet	Integrated 10/100/1000 NIC connectors.
USB	USB		USB	Four optional connections to a USB key for firmware backup and installation.
Hard drives	1 TB			Two hard drives are provided and can be upgraded to six if necessary.
Serial				Connects a serial device to the system. Baud Rate 9600, Data bits 8, Parity None, Stop bits 1.
PCIe slots	PCIe	500 MB/s	Serial	Three PCIe (Generation 2) expansion slots. Slot 2 = x4-link, Slot 3= x8-link and Slot 4 = x8-link
System ID button				The ID buttons on the front and back panels are used to locate a system in a rack. When one of these buttons is pushed, the LCD panel on the front and the System Status indicator on the back flash blue until one of the buttons is pushed again.

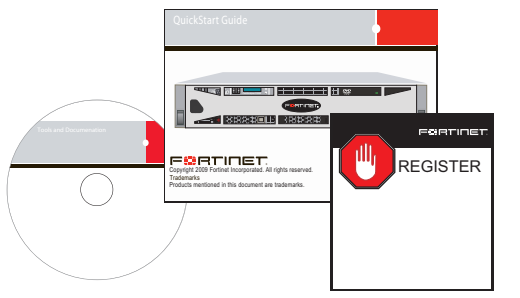


Front



Back

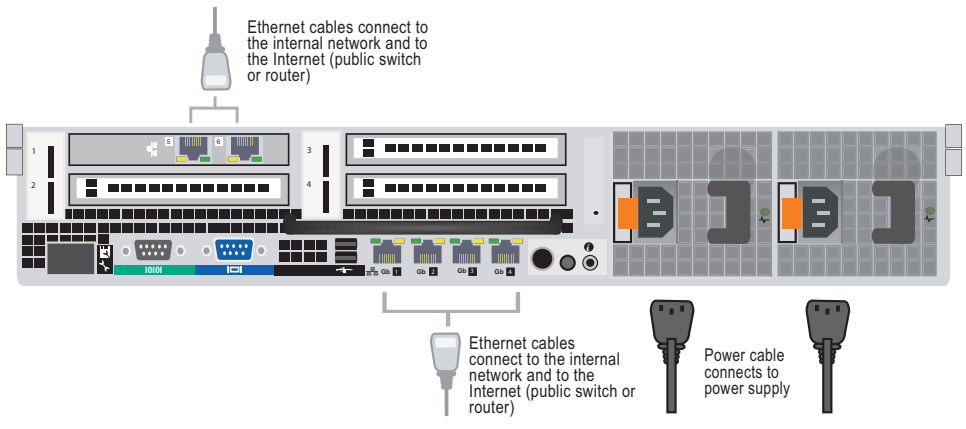




Connecting

Connect the following to the unit. Ensure the unit is placed on a stable surface or install in a standard 19 inch rack. See the *FortiAnalzyer-2000B Rack and Hardware Install Guide* for details.

- Assemble the rails and install the system in the rack following the safety instructions and the rack installation instructions provided with your system.
- Connect the system's power cable(s) to the system and, if a monitor is used, connect the monitor's power cable to the monitor.
- Bend the system power cable into a loop and secure the cable to the bracket using the provided strap.
- Plug the other end of the power cables into a grounded electrical outlet or a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).
- Insert an Ethernet cable into the one of the 6 ports on the FortiAnalzyer unit. Insert the other end to the router connected to the Internet, or to the modem.
- Press the power button on the system and the monitor. The power indicators should light.



Configuration Tools

Web-based manager

The web-based manager is an easy to use management tool. Use it to configure the administrator password, the interface and default gateway addresses, add Fortinet devices and configure reports.

Requirements:
- An Ethernet connection between the unit and management computer.
- A web browser such as FireFox or Internet Explorer on the management computer.

Command Line Interface (CLI)

The CLI is a full-featured management tool. Use it to configure the administrator password, the interface addresses, the default gateway address, and the DNS server addresses. To configure advanced settings, see the Tools and Documentation CD included with the unit.

Requirements:
- The DB9 serial connection between the unit and management computer.
- A terminal emulation application (HyperTerminal for Windows) on the management computer.

Collecting Information

Port Information

Port 1	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 2	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 3	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 4	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 5	IP:	____.____.____.____
	Netmask:	____.____.____.____
Port 6	IP:	____.____.____.____
	Netmask:	____.____.____.____

The internal interface IP address and netmask must be valid for the internal network.

General settings

Administrator password:		
Network Settings:	Default Gateway:	____.____.____.____
	Primary DNS Server:	____.____.____.____
	Secondary DNS Server:	____.____.____.____

Factory default settings

NAT/Route mode		**Administrative account settings**	
Port 1 interface	192.168.1.99	User name	admin
Port 2 interface	0.0.0.0	Password	(none)
Port 3 interface	0.0.0.0		
Port 4 interface	0.0.0.0		

To reset the unit to the factory defaults, in the CLI type the command

```
execute factory reset
```

Configuring

Web-based Manager

Use the following procedure to connect to the web-based manager for the first time. Configuration changes made with the Web Config are effective immediately without resetting the unit or interrupting service.

To connect to the web-based manager

1. Connect the Port 1 interface of the unit to Ethernet port of the management computer. Use a cross-over Ethernet cable to connect the devices directly. Use straight-through Ethernet cables to connect the devices through a hub or switch.
2. Configure the management computer to be on the same subnet as the Port 1 interface. To do this, change the IP address of the management computer to 192.168.1.2 and the netmask to 255.255.255.0.
3. To access the web-based manager, in your browser, go to https://192.168.1.99 (remember to include the “s” in https://).
4. Type `admin` in the Name field and select Login.

After connecting to the Web-based manager, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure interfaces

1. Go to **System > Network > Interface**.
2. Select the edit icon for each interface to configure.
3. Set the IP address and netmask for the interface.
4. Select OK.

To configure the Primary and Secondary DNS server IP addresses

1. Go to **System > Network > DNS**, enter the Primary and Secondary DNS IP addresses select Apply.

To configure a Default Gateway

1. Go to **System > Network > Routing** and select Create New.
2. Set Gateway to the Default Gateway IP address and select OK.

Command Line Interface

The unit has serial port. Use the null modem cable to connect it to your management computer.

To connect to the unit

1. Use a null modem cable to connect the serial port to the management computer serial port.
2. Start a terminal emulation program (such as HyperTerminal) on the management computer. Use these settings: Baud Rate 9600, Data bits 8, Parity None, Stop bits 1, Flow Control None.
3. At the login: prompt, type `admin` and press Enter twice.
   (The login prompt is preceded by the server default host name.)

After connecting to the CLI, you can configure the unit IP address, DNS server IP address, and default gateway to connect the unit to the network.

To configure the unit using the CLI

1. Set the IP address and netmask of the Port1 interface.
```
config system interface
    edit port1
         set ip <intf_ip>/<netmask_ip>
end
```

3. Configure the primary and secondary DNS server IP addresses.
```
config system dns
    set primary <dns-server_ip>
    set secondary <dns-server_ip>
end
```

4. Configure the default gateway.
```
config system route
    edit 1
        set device <interface>
        set dst <destination_ip>
        set gateway <gateway_ip>
end
```

Adding an administration password

By default, the admin user does not have a password. To restrict access to the unit management account, add password for the admin user account.

To add the admin user account password

1. Go to **System > Admin**.
2. For the admin user, select the Change Password icon.
3. Enter a new password in the New Password box.
4. Reenter the password to Confirm Password box.
5. Select OK.

Adding an administration password using the CLI

To add an administration password in the CLI enter the following commands:

```
config system settings
   edit admin
     set password <password>
end
```

Shutting down the unit

When powering off the unit, always shut down the unit using the following procedures before disconnecting the power supply. Not following this procedure can increase the risk of damaging the hard disk.

To power off the unit

1. Go to **Svystem > Dashboard**.
2. In the System Operation list, select Shut Down.
3. Select Go.
4. Once the indicates the shut down procedure has completed, disconnect the FortiAnalyzer unit from the power source.

Shutting down the unit using the CLI

Enter the following command at the prompt:

```
execute shutdown
```