

Specifications

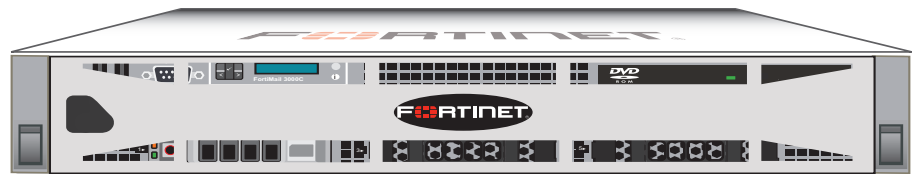
AC Power	100–240 VAC, 50–60 Hz, 9.0 Amp (Max)
Power Consumption (Average)	200W
Chassis	Rack Mount (2U)
Interfaces	4 10/100/1000 Ethernet Base-T
	2 SFP 1 GB
	4 USB
	1 Serial
	1 DVD ROM drive
Disk Storage Capacity	6 3.5"×1 TB slots (2×1 TB hard drives provided)

For more information

- Documentation CD: all major FortiMail documents
- Fortinet Technical Documentation: <http://docs.fortinet.com>
- Fortinet Knowledge Base: <http://kb.fortinet.com>
- Fortinet Technical Support: <http://support.fortinet.com>
- Fortinet Training Service: <http://campus.training.fortinet.com>

QuickStart Guide

FortiMail-3000C



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Regulatory Compliance

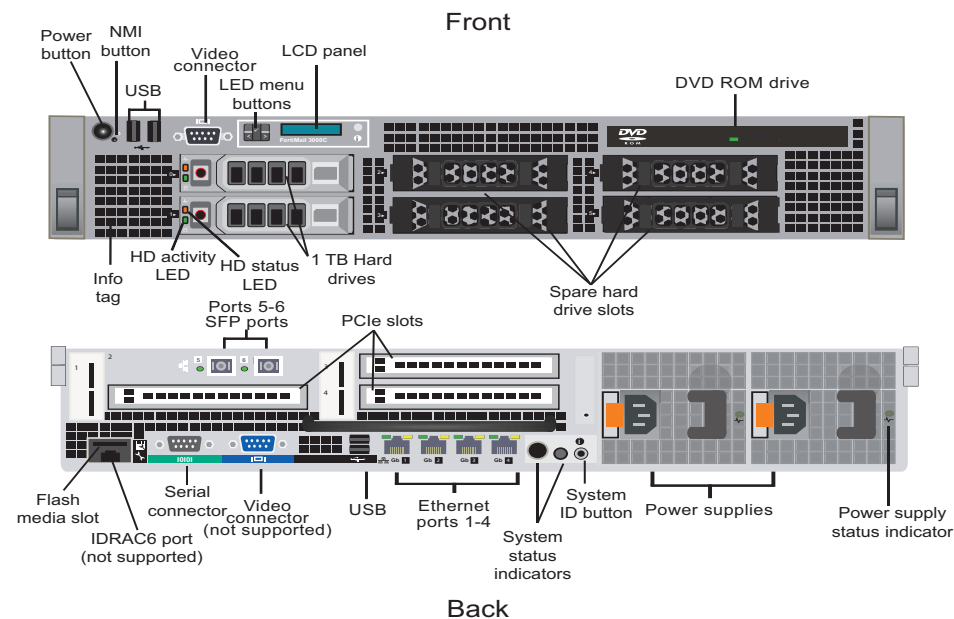
FCC Class A Part 15, CE, and UL

Version 4.0 Revision 3

8 April 2011

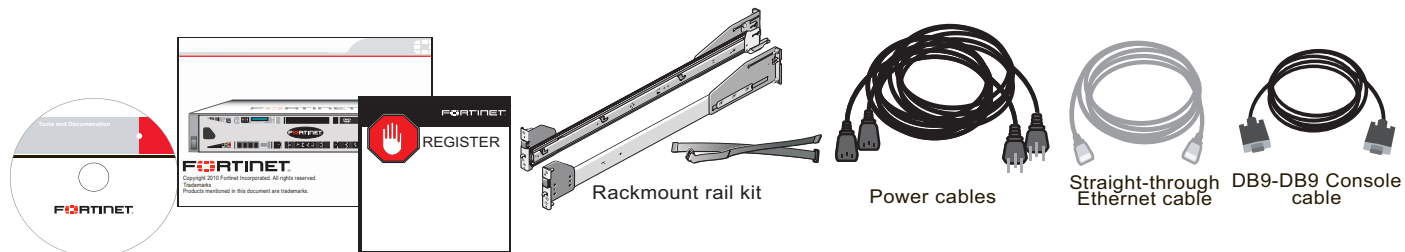
<http://www.fortinet.com>

Package Contents



Factory default settings

Default operation mode	Gateway mode
Administrator account	User name: admin Password: (none)
Default Port 1 IP address	192.168.1.99
Web-based manager URL	https://192.168.1.99/admin
Management access	HTTPS, Ping, SSH



Interface Description

Interface	Type	Speed	Protocol	Description
Port 1 to 4	RJ-45	10/100/1000 Base-T	Ethernet	Connection to the network.
Port 5 to 6	SFP	1 Gbps	Ethernet	Small form-factor pluggable (SFP) transceiver supports 1 Gbps for SERDES.
Serial	DB-9	9600 8/N/1	RS-232 serial	Connection to the management computer. Provides access to the CLI console.
USB	USB		USB	For mail data backup and restore in server mode.
Hard drive	1 TB			Two hard drives and four spare slots are provided.
iDRAC6 port				Port for iDRAC6 enterprise card. This port is not supported.
Flash media slot	SD			Connection to an SD memory card for the iDRAC6 card. This slot is not supported.
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.
Video				Two video ports that connect to monitors. The video port on the back is not supported.

LED Description

LED	State	Description
Power supply indicator	Off	AC power is not connected.
	Green	Power supply is operational.
	Amber	Power supply problem.
	Blinks green and amber	Power supply is mismatched with other power supply.
LCD panel	Blue	Normal system operation.
	Amber	System requires attention. An error code and message is shown.
HD activity LED	Blinking	Disk write/read activities.
	Off	No disk activity.
HD status LED	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/prepare for removal.
	Off	Drive is ready for insertion or removal.
Port 1-4	Activity (right) indicator green flashing	Network data is being sent or received.
	Link (left) indicator is green	Connected at 1000 Mbps.
	Link (left) indicator is amber	Connected at 10/100 Mbps.
	Both LEDs off	No connection to the network.
Port 5-6	Green	Port is online.
	Off	Port is offline.

Installation Overview

Installation and configuration of the FortiMail unit involves the following steps:

1. Mounting the unit (optional). See detailed mounting instructions in the *FortiMail Install Guide* on the documentation CD.
2. Connecting the unit to the network. For details, see the *FortiMail Install Guide*.
3. Powering up the unit. See instructions below.
4. Connecting to the web-based manager. See instructions below.
5. Selecting an operation mode: Gateway, Transparent, or Server. For details, see the *FortiMail Install Guide*.
6. Running the QuickStart wizard to configure the basic settings. For details, see the *FortiMail Install Guide*.
7. For all other installation instructions, see the *FortiMail Install Guide* on the documentation CD.
8. For all the configuration instructions, see the *FortiMail Administration Guide* and the FortiMail online help.
9. If you want to use the CLI commands to configure the unit, see the *FortiMail CLI Reference* on the documentation CD.

Powering On

To power on the FortiMail unit

1. Place the FortiMail unit on a stable surface. The unit requires 1.5 inches (3.75 cm) clearance on each side to allow for cooling.
2. Alternatively install the unit in a 19-inch rack. The unit requires 2U of vertical space. For detailed instructions, see the *FortiMail Install Guide* on the documentation CD.
3. Ensure the power is not connected.
4. Connect the network cable to port 1.
5. Connect the power cable.
6. Turn on the power switch.

Configuration Tool Overview

You can use one of the following tools to configure the FortiMail unit. If you are connecting and using the unit for the first time, it is recommended you use the web-based manager only, because it comes with a quick start configuration wizard which can guide you through the initial setup.

- **Command Line Interface (CLI)**

The FortiMail unit has a console port and you can use a console cable to connect it directly to your management computer. For information about CLI commands, see the *FortiMail CLI Reference* on the documentation CD.

- **Web-based manager**

The web-based manager is an easy-to-use management tool that you can access from a web browser.

Configuring

Before you can deploy the FortiMail unit, you must connect it to your network. To do this, use your web browser to connect to the web-based manager. The web-based manager is a web site on the FortiMail unit that enables you to change its settings.

The web-based manager has two display modes: Basic and Advanced. The default when you first log on is Advanced. You can switch between the two modes by clicking *Basic Mode >>* or *Advanced Mode >>*.

In either mode, when connecting for the initial configuration, you can run the Quick Start Wizard to:

- configure the basic network and antispam settings, and
- initialize default reports

Configuration changes made with the web-based manager are effective immediately.

To connect to the web-based manager for the first time

1. On your management computer, configure the Ethernet port with the static IP address 192.168.1.2 and a netmask of 255.255.255.0.
2. Using the Ethernet cable, connect your computer's Ethernet port to the FortiMail unit's port 1.
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.
3. Start your web browser, such as Firefox or Internet Explorer with Adobe Flash Player 10 or greater plug-in, and go to <https://192.168.1.99/admin> (include the "s" in https:// and "/admin" after the IP address).

4. Type `admin` in the *Name* field and click *Login*.
5. Go to *Monitor > System Status > Status* (the dashboard) and set the *Operation mode*. The system will log you out and reboot.
The FortiMail unit has three operation modes: gateway, transparent, and server. For details about operation modes and which mode you should use, see the *FortiMail Install Guide*. The default is gateway mode.
6. Log in again.
7. Click *Quick Start Wizard* to run the configuration wizard. Follow its directions to configure the basic network and antispam settings.
8. Continue with deployment.

To connect to the CLI

If you prefer to use the CLI, you can connect to it after you have done initial configuration via the web-based manager's Quick Start Wizard.

1. Using the null modem or RJ-45-to-DB-9 cable, connect the FortiMail unit's console port to the serial communications (COM) port on your management computer.
2. On your management computer, start a terminal emulator program (such as HyperTerminal). Use these settings: Bits per second: 9600, Data bits: 8, Parity: None, Stop bits: 1, Flow control: None.
3. At the login prompt, type `admin` and press Enter twice.
For CLI commands, or to connect to the CLI through the network, see the *FortiMail CLI Reference*.

Next Steps

Deploying the FortiMail unit

Now that the FortiMail unit is up and running, you can start to deploy the unit into your network by configuring the system settings and mail settings. The *FortiMail Install Guide* will help you with this task.

Configuring the FortiMail unit

Then you can configure detailed antispam, antivirus, and logging settings to protect your mail servers and users. For details, see the FortiMail online help or the *FortiMail Administration Guide* on the documentation CD.

Shutting Down

Always shut down the FortiMail unit properly before turning off the power switch or removing the power cable to avoid potential hardware problems. This enables the hard drives to spin down and park correctly and avoid losing data.

To shut down using the web-based manager

1. Go to *Management > Status > Status* in the basic mode of the web-based manager, or *System > Status > Status* in the advanced mode of the web-based manager.

2. In the *System Command* widget, select *Shutdown*.
3. Turn off and/or disconnect the power cables from the power supply.

To shut down using the CLI

Enter the command:
`execute shutdown`