

# FortiGate® 5000 Series Solution

Scalable Data Center and Carrier-Graded Security Systems

With so many enterprise initiatives around big data, public cloud and Internet of things, security infrastructure providers must deliver even more performance, reliability and scalability to their customers. Fortinet's 5000 series chassis-based scalable platforms offer groundbreaking throughput and proven resilience to satisfy the most demanding carrier and enterprise data center requirements.





# **Security Fabric Integration**

FortiGate appliances, interconnected with the Fortinet Security Fabric, form the backbone of the Fortinet Enterprise Solution.

#### **Bundles**

Bundle	Firewall Throughput*	Concurrent Sessions*	New Session/ Second*	IPS Throughput*
FG-5144C (Base)	160 Gbps	46 Million	1.13 Million	36 Gbps
FG-5144C (Base 2)	320 Gbps	92 Million	2.26 Million	72 Gbps
FG-5144C (Base 3)	480 Gbps	138 Million	3.39 Million	108 Gbps
FG-5144C (Base 4)	640 Gbps	184 Million	4.52 Million	144 Gbps
FG-5144C (Full)	960 Gbps	276 Million	6.78 Million	216 Gbps
Security Blade				
FG-5001D	80 Gbps	23 Million	565,000	18 Gbps

<sup>\*</sup> Based on sum of individual Security Blades, not as a controller-based system.



# **Deployment Modes**

Data Center Firewall

Carrier-Class Firewall



#### **Hardware Acceleration**

SPU CP8 and NP6







# **Third-Party Certifications**







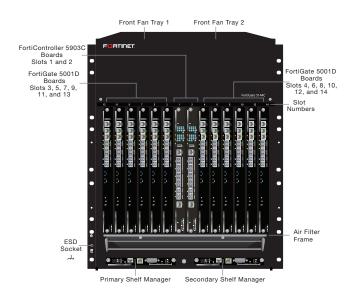


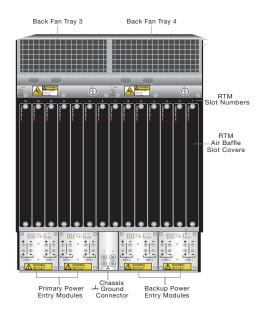


# **CHASSIS**

# FortiGate 5144C

Next Generation 14U 19-inch rack mount ATCA chassis with 40 Gbps Backplane and capable of Dual-Dual-Star topology. It can install up to 14 FortiGate 5000 series blades.





	FORMALT FALLA
	FORTIGATE 5144C
Hardware Specifications	
Available Slots	14
High Availability Backplane Fabric	Built-in
40 Gbps Backplane Support	Yes
Shelf Manager (Default / Maximum)	1/2
Dual Networking Blade Support	Yes
Dimensions	
Height x Width x Length (inches)	24.44 x 19.06 x 21.63
Height x Width x Length (cm)	62.1 x 48.4 x 55.0
Weight	108 lbs (50 kg)
Power and Environment	
Power Required	DC/AC1
Chassis Only Power Consumption (Maximum) **	960 W
Heat Dissipation (Maximum) **	3,276 BTU/h
Operating Temperature	32-104°F (0-40°C)
Storage Temperature	-13–158°F (-35–70°C)
Humidity	5–90% non-condensing
Compliance	
Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, UL/cUL

 $<sup>^{\</sup>mbox{\tiny 1}}$  Optional FortiGate-5053B Power Supply Shelf used to provide AC power to the FortiGate

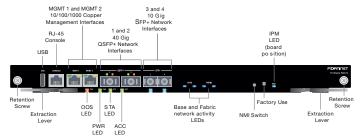
2 www.fortinet.com

 $<sup>^{\</sup>star\star}$  Please refer to respective Chassis Guide for computation of total power requirement.

# **SECURITY BLADE**

#### FortiGate 5001D

Latest purpose-built FortiGate security blade with carrier-class capacity and protection. Runs on FortiOS 5 — the most powerful security operating system in the world.





FORTIGATE 5001D
2
2
2
1
2x 10 GE SFP+ SR
200 GB
80 / 80 / 45 Gbps
3 µs
67.5 Mpps
23 Million
565,000
200,000
25 Gbps
40,000
64,000
6.5 Gbps
25,000
18 / 13 Gbps
9 Gbps

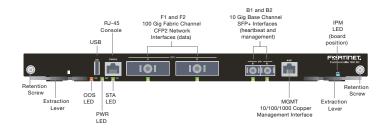
	FORTIGATE 5001D
Application Control Throughput 3	18 Gbps
NGFW Throughput <sup>4</sup>	10 Gbps
Threat Protection Throughput 5	7.7 Gbps
CAPWAP Throughput <sup>6</sup>	15 Gbps
Virtual Domains (Default / Maximum)	10 / 500
Maximum Number of FortiTokens	5,000
Maximum Number of Registered FortiClients	20,000
Maximum Number of FortiAPs (Total / Tunnel)	4,096 / 1,024
Power and Environment	
Power Consumption (Average / Maximum)	189 / 226 W
Heat Dissipation (Average)	774 BTU/h
Operating Temperature	32-104°F (0-40°C)
Storage Temperature	-13–158°F (-25–70°C)
Humidity	20–90% non-condensing
Compliance	
Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB, ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; USGv6/IPv6
NEBS Certified	_

Note: All performance values are "up to" and vary depending on system configuration. IPsec VPN performance is based on 512 byte UDP packets using AES-256-SHA1. 1. IPS performance is measured using 1 Mbyte HTTP and Enterprise Taffic Mix. 2. SSL Inspection is measured with IPS enabled and HTTP traffic, using TLS v1.2 with AES256-SHA. 3. Application Control performance is measured with 64 Kbytes HTTP traffic. 4. NGPW performance is measured with IPS and Application Control enabled, based on Enterprise Traffic Mix. 5. Threat Protection performance is measured with IPS and Application Control and Malware protection enabled, based on Enterprise Traffic Mix. 6. CAPWAP performance is based on 1444 byte UDP packets.

### **NETWORKING BLADE**

### FortiController 5913C

High performance, SPU DP2 accelerated networking blade with 100 GE interfaces and 10/40-gigabit fabric and 1-gigabit base backplane channel.



	FORTICONTROLLER 5913C
Interfaces	
Fabric Channel Interfaces	2x 100 GE CFP2
Base Channel Interfaces	2x 10 GE SFP+
Management Interfaces	1x GE RJ45
Included Transceivers	2x 10 GF SFP+ SR
40 GE Backplane Fabric Support	Yes
10 GE Backplane Fabric Support	Yes
GE Backplane Fabric Support	_
System Performance	
Maximum Traffic Throughput	200 Gbps
Maximum Concurrent Sessions	135 Million
New Sessions/Second (TCP)	3.6 Million
Power and Environment	
Power Consumption (Average / Maximum)	280 / 400 W
Heat Dissipation	955 BTU/h
Operating Temperature	32-104°F (0-40°C)
Storage Temperature	-13-158°F (-35-70°C)
Humidity	5–90% non-condensing
Compliance	
Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB

### ORDER INFORMATION

SKU		COMPONENTS			
Hardware-only Bundle	Hardware + Services Bundle	Chassis	Security Blade	Networking Blade	Services*
FG-5144C-HW-BASE	FG-5144-BASE-BDL-950-DD	FG-5144C-DC	2x FG-5001D	1x FCTRL-5913C	UTM Bundle (24x7 FortiCare plus NGFW, AV, Web Filtering and Antispam Services) for each security blade.
FG-5144C-HW-BASE-2	FG-5144C-BASE-2-BDL-950-DD	FG-5144C-DC	4x FG-5001D	1x FCTRL-5913C	
FG-5144C-HW-BASE-3	FG-5144C-BASE-3-BDL-950-DD	FG-5144C-DC	6x FG-5001D	2x FCTRL-5913C	
FG-5144C-HW-BASE-4	FG-5144C-BASE-4-BDL-950-DD	FG-5144C-DC	8x FG-5001D	2x FCTRL-5913C	
FG-5144C-HW-FULL	FG-5144-FULL-BDL-950-DD	FG-5144C-DC	12x FG-5001D	2x FCTRL-5913C	

\* Applicable to Hardware + Services Rundle only

data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to R-5-6038 power FortiGate 5144C BASE HW Bundle with Services   F6-5144C-HW-BASE-20, 140 14-sh 5134C bases, 4x R-G-5001D security blades and 1x 2 for R-FTR-5913C networking blade. 4 PEMs. 4 fan unit data modules, 1 shelf manager, front and that baffles, and 4 pairs DC cables for connecting to R-5053B power FortiGate 5144C BASE 2 HW Bundle with Services   F6-5144C-HW-BASE-2 bits 4x 24x7 FortiCare and FortiGate 3144C BASE 3 HW Bundle with Services   F6-5144C-HW-BASE-3   141 14-sh 5134AC bases, 6x R-5001D security blades, 2x R-GTRL-5913C networking blade.   F6-5144C-HW-BASE-3   141 14-sh 5134AC bases, 6x R-5001D security blades, 2x R-GTRL-5913C networking blade.   F6-5144C-HW-BASE-3   141 14-sh 5134AC bases, 6x R-5001D security blades, 2x R-GTRL-5913C networking blade.   F6-5144C-HW-BASE-3   F6-5144C-HW-BA			*Applicable to Hardware + Services Bundle only
data modules, 1 shelf merages, front and RTM air baffes, and 4 pairs DC cables for connecting to FS-5038B power FortiGate 5144C BASE HW Bundle with Services   FG-5144C-HW-BASE-2   14U 14-sits 1544C bases, 4x FG-5001D security bibdes, 1x FCTRL-5913C networking bibde.   FG-5144C-HW-BASE-2   14U 14-sits 1544C bases, 4x FG-5001D security bibdes, 1x FCTRL-5913C networking bibde.   FG-5144C-HW-BASE-2   14U 14-sits 1544C bases, 4x FG-5001D security bibdes, 1x FCTRL-5913C networking bibde.   FG-5144C-HW-BASE-2   HW Bundle with Services   FG-5144C-HW-BASE-2 BLL-950-DD   FG-5144C-HW-BASE-2 plus 4x 24x7 FortiCare and FortiCard UTM bundles for FG-5001D security bibdes and 1x for FG-FG-5004D security bibdes   FG-5144C-HW-BASE-3   HW Bundle with Services   FG-5144C-HW-BASE-3   HW Bundle with Services   FG-5144C-HW-BASE-3 BLL-950-DD   FG-5144C-HW-BASE-3 BLL-950-D	BUNDLE ITEMS	SKU	DESCRIPTION
FortiGate 5144C BASE 2 HW Bundle with Services FG-5144C-HW-BASE-2 and 14 14-46 Classis, 4 KF-5001D security blades, 1 FG-5001D security blades, 2 FG-5001D security blades	FortiGate 5144C BASE HW Bundle	FG-5144C-HW-BASE	14U 14-slot 5144C chassis, 2x FG-5001D security blades, 1x FCTRL-5913C networking blade, 4 PEMs, 4 fan Units, 2 shelf FRU data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power shelves.
data modules, 1 shelf manager, front and RIM air bailfles, and 4 pairs DC cables for connecting to FG-5053B power FortiGate 5144C BASE 2 HW Bundle with Services   FG-5144C-HW-BASE-2 BIL-950.	FortiGate 5144C BASE HW Bundle with Services	FG-5144C-BASE-BDL-950-DD	FG-5144C-HW-BASE plus 2x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 1x 24x7 FortiCare for FCTRL-5913C networking blade.
FortiGate 5144C BASE 3 HW Bundle FG-5144C-HW-BASE-3 AU 14-43-015144C chassis, 6 k FG-5010 D security blades, 2 k FCTRL-5913C networking blade, 4 PBMs, 4 fan unit and the security blades and 4 pairs DC catables for connecting to FG-50389 power FortiGate 5144C BASE 3 HW Bundle with Services FortiGate 5144C BASE 4 HW Bundle FG-5144C-HW-BASE-3 AU 14-45-015144C chassis, 8 k FG-5010 D security blades, 2 k FCTRL-5913C networking blade, 4 PBMs, 4 fan unit data module, 1 shelf manager, front and RTM air baffles, and 4 pairs DC catables for connecting to FG-5053B power FortiGate 5144C BASE 4 HW Bundle with Services FortiGate 5144C BASE 4 HW Bundle with Services FG-5144C-HW-BASE-4 AU 14-45-015144C chassis, 8 k FG-5001D security blades, 2 k FCTRL-5913C networking blade, 4 PBMs, 4 fan unit data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC catables for connecting to FG-5053B power FORTIGATE 5144C FULL HW Bundle FG-5144C-HW-BASE-4 plus 8 k 2 4k 7 FortiCare and FortiGated UTM bundles for FG-5001D security blades and 2 k for FCTRL-5913C networking blade, 4 PBMs, 4 fan unit data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC catables for connecting to FG-5053B power FortiGate 5144C FULL HW Bundle with Services FG-5144C-HU-BDL-950-DD FG-5144C-HU-BDL-950-DD FG-5144C-HU-BDL-950-DD FG-5144C-FULL BDL-950-DD FG-5144C-FULL BDL-950-DD FG-5144C-FULL BDL-950-DD FG-5144C fan fray FG-5144C-FULL BDL-950-DD FG-	FortiGate 5144C BASE 2 HW Bundle	FG-5144C-HW-BASE-2	14U 14-slot 5144C chassis, 4x FG-5001D security blades, 1x FCTRL-5913C networking blade, 4 PEMs, 4 fan units, 2 shelf FRU data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power shelves.
data modules, 1 sheft manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-50538 powe FortiGate 5144C BASE 3 HW Bundle with Services FG-5144C-BASE-3-BU-950-DD FG-5144C-HW-BASE-3 plus 6x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2b for FCTRL-5913C networking blade. FortiGate 5144C BASE 4 HW Bundle FG-5144C-BASE-4-BDL-950-DD FG-5144C-HW-BASE-4 base, 8x FG-5001D security blades, 2x FCTRL-5913C networking blade, 4 PEMs, 4 fan und data modules, 1 sheff manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B powe FortiGate 5144C BASE 4 HW Bundle with Services FG-5144C-BASE-4-BDL-950-DD FG-5144C-HW-BASE-4 by 8x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade. FG-5144C-HW-FULL by 14 14-stot 5144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade. FortiGate 5144C FULL HW Bundle with Services FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades and 2x for FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades and 2x for FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades and 2x for FCTRL-5913C networking blade. FG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades fG-5144C-HW-FULL by 15 144C chassis, 12x FG-5001D security blades fG-5144C-HW-FULL by 15 144C chassis place fG-5144C-HW-FULL	FortiGate 5144C BASE 2 HW Bundle with Services	FG-5144C-BASE-2-BDL-950-DD	FG-5144C-HW-BASE-2 plus 4x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 1x 24x7 FortiCare for FCTRL-5913C networking blade.
FortiGate 5144C BASE 4 HW Bundle FG-5144C-HW-BASE-4 Id-U14-sids 5144C chassis, 8x PG-5001D security blades, 2x FCTRL-5913C networking blade, 4 PEMs, 4 fan undate modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to PG-5053B power FortiGate 5144C BULL HW Bundle with Services FortiGate 5144C FULL HW Bundle FG-5144C-HW-PULL Id-U14-sids 5144C FULL FW Bundle with Services FG-5144C-HW-PULL Id-U14-sids 5144C FULL FW FG-5001D security blades, 2x PCTRL-5913C networking blade, 4 PEMs, 4 fan undate modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to PG-5053B power FortiGate 5144C FULL HW Bundle with Services FG-5144C-HW-PULL BULL FW Bundle with Services FG-5144C-FW-FULL BDL-950-DD FG-5144C-HW-PULL plus 12x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.  POPTIONAL ITEMS SKU DESCRIPTION  SKU DESCRIPTION  Chassis  FortiGate 5144C Shelf Manager FG-5144C-SM 5144C-SM 5144C-SM 5144C shelf manager with ShMM-700R mezzanine card and radial IPMB bus FortiGate 5144C Fan Tray FG-5144C-FAN-F FG-5144C fan tray front FortiGate 5144C Paul FRU Data Module FG-5144C-FAN-F FG-5144C FRIU prear FortiGate 5144C Power Entry Module FG-5144C-FAN FG-5144C-FBN FG-5144C Shelf FRIU data module FortiGate 5144C Shelf FRU Data Module FG-5144C-FBN FG-5144C-FBN FG-5144C Shelf FRU data module FortiGate 5144C Blank Panel FG-5144C-FBN FG-5144C-FBN FG-5144C Shelf FRIU data module FortiGate 5144C Shelf FRU Data Module FG-5144C-FBN FG-	FortiGate 5144C BASE 3 HW Bundle	FG-5144C-HW-BASE-3	14U 14-slot 5144C chassis, 6x FG-5001D security blades, 2x FCTRL-5913C networking blade, 4 PEMs, 4 fan units, 2 shelf FRU data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power shelves.
data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power FortiGate 5144C BASE 4 HW Bundle with Services   FG-5144C-BASE-4-BDL-950-DD   FG-5144C-HW-BASE-4 plus BX 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HW-FULL   HW Bundle with Services   FG-5144C-HW-FULL   FG-5053B power FortiGate 5144C FULL HW Bundle with Services   FG-5144C-HU-BDL-950-DD   FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HU-BDL-950-DD   FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HU-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HU-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HU-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-HU-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.   FG-5144C-FW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blades.   FG-5144C-FW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blades.   FG-5144C-FW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blades.   FG-5144C-FW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking Blades   FG-5144C-FW-FULL plus 12x 24x7 FortiCare and FortiGaurd UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking Bl	FortiGate 5144C BASE 3 HW Bundle with Services	FG-5144C-BASE-3-BDL-950-DD	FG-5144C-HW-BASE-3 plus 6x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x 24x7 FortiCare for FCTRL-5913C networking blade.
FortiGate 5144C FULL HW Bundle FG-5144C-HW-FULL FG-5144C-HW-FULL FG-5144C-HW-FULL FG-5144C-HW-FULL FDL-950-DD FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGuard UTM bundles for FG-5038 powe FortiGate 5144C FULL HW Bundle with Services FG-5144C-FULL-BDL-950-DD FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.  DESCRIPTION  Chassis FortiGate 5144C Shelf Manager FG-5144C-SM FG-5144C-SM FG-5144C-FAN-F FG-514C-FAN-F F	FortiGate 5144C BASE 4 HW Bundle	FG-5144C-HW-BASE-4	14U 14-slot 5144C chassis, 8x FG-5001D security blades, 2x FCTRL-5913C networking blade, 4 PEMs, 4 fan units, 2 shelf FRU data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power shelves.
data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-50538 power FortiGate 5144C FULL HW Bundle with Services  FG-5144C-FULL-BDL-950-DD  FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x for FCTRL-5913C networking blade.  POPTIONAL ITEMS  SkU  DESCRIPTION  Chassis  FortiGate 5144C Shelf Manager  FG-5144C-SM  5144C shelf manager with ShMM-700R mezzanine card and radial IPMB bus  FortiGate 5144C Fan Tray  FG-5144C-FAN-F  FG-5144C fan tray front  FortiGate 5144C Shelf FBU Data Module  FG-5144C-FAN-R  FG-5144C shelf FBU data module  FortiGate 5144C Power Entry Module  FG-5144C-FBU  FG-5144C-FBU  FG-5144C-FBU  FG-5144C-FBU  FG-5144C-FBU  FG-5144C-BIAR Panel  FG-5144C-ABF  FG-5144C-BIAR Panel  FG-514C-BIAR PANEL  FG-5144C-BIAR PANEL  FG-5144C-BIAR PANEL  FG-5144C-	FortiGate 5144C BASE 4 HW Bundle with Services	FG-5144C-BASE-4-BDL-950-DD	FG-5144C-HW-BASE-4 plus 8x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x 24x7 FortiCare for FCTRL-5913C networking blade.
PortiGate 5144C Shelf FRU Data Module FG-5144C-FRN FG-5144C FBRU FG-5144C-FBRU FG-5144C FBRU Data Module FG-5144C-FBRU FG-514AC-FBRU FG-514AC-	FortiGate 5144C FULL HW Bundle	FG-5144C-HW-FULL	14U 14-slot 5144C chassis, 12x FG-5001D security blades, 2x FCTRL-5913C networking blade, 4 PEMs, 4 fan units, 2 shelf FRU data modules, 1 shelf manager, front and RTM air baffles, and 4 pairs DC cables for connecting to FG-5053B power shelves.
Chassis  FortiGate 5144C Shelf Manager FG-5144C-SM 5144C shelf manager with ShMM-700R mezzanine card and radial IPMB bus  FortiGate 5144C Fan Tray FG-5144C-FAN-F FG-5144C tan tray front  FortiGate 5144C Fan Tray FG-5144C-FAN-R FG-5144C tan tray rear  FortiGate 5144C Shelf FRU Data Module FG-5144C-SFRU FG-5144C-SFRU FG-5144C shelf FRU data module  FortiGate 5144C Power Entry Module FortiGate 5144C Power Entry Module FG-5144C-AF FG-5144C-AF FG-5144C-AF FG-5144C-AF FG-5144C-BIAN Panel FG-5144C-BIAN Panel FG-5144C-BIAN Panel FG-5144C-BIAN Panel FG-5053B AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpopu.  FortiGate 5001D FG-5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSE  Networking Blades	FortiGate 5144C FULL HW Bundle with Services	FG-5144C-FULL-BDL-950-DD	FG-5144C-HW-FULL plus 12x 24x7 FortiCare and FortiGuard UTM bundles for FG-5001D security blades and 2x 24x7 FortiCare for FCTRL-5913C networking blade.
FortiGate 5144C Shelf Manager FG-5144C-SM FortiGate 5144C Fan Tray FG-5144C-FAN-F FG-5144C fan tray front FortiGate 5144C Fan Tray FG-5144C-FAN-R FG-5144C fan tray rear FortiGate 5144C Shelf FRU Data Module FG-5144C-SFRU FG-5144C Shelf FRU Data module FortiGate 5144C Power Entry Module FG-5144C-PEM FG-5144C PEM, power entry module FortiGate 5144C Blank Panel FG-5144C-BFF FG-5144C-BFF FG-5144C air filter FG-5144C Blank Panel FG-5144C Blank Panel FG-5144C-BFF FG-514C-BFF FG-514C-BFFF FG-514C-BFFFF FG-514C-BFFFF FG-514C-BFFFF FG-514C-BFFFF FG-514C-BFFFF FG-514C-BFFFFF FG-514C-BFFFF FG-514C-BFFFFF FG-514C-BFFFFF FG-514C-BFFFFFF FG-514C-BFFFFFF FG-514C-BFFFFFF FG-514C-BFFFFFF FG-514C-BFFFFFFF FG-514C-BFFFFFFF FG-514C-BFFFFFFFF FG-514C-BFFFFFFFFFFFFFFF FG-514C-BFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	OPTIONAL ITEMS	SKU	DESCRIPTION
FortiGate 5144C Fan Tray FG-5144C-FAN-F FG-5144C-FAN-R FG-5144C-FAN-R FG-5144C-FAN-R FG-5144C-FAN-R FG-5144C-SPRU FG-5144C-SPRU FG-5144C-SPRU FG-5144C-SPRU FG-5144C-PEM, power entry module FortiGate 5144C Blank Panel FortiGate 5144C Blank Panel FG-5144C-ABF FG-5144C-BBR FG-5144C-BBR FG-5144C-BBR FG-5144C-BBR FG-5000 RTM slot blank panel with air baffle (aluminum/plastic) FortiGate 5053B Power Converter Tray FG-5053B AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpopulation of the power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B she  Security Blades FortiGate 5001D FG-5001D FG-5001D FG-5001D FG-5001D FG-5001D FG-5001D FG-5001D FG-5144C-FAN-R FG-5144C fan tray front FG-5144C fan tray front FG-5144C shelf FRU data module FG-5144C pem, power entry module FG-5144C pem,	Chassis		
FortiGate 5144C Fan Tray FG-5144C-FAN-R FG-5144C-FAN-R FG-5144C shelf FRU data module FortiGate 5144C PEM FG-5144C-PEM FG-5144C PEM, power entry module FortiGate 5144C PEM, power entry module FortiGate 5144	FortiGate 5144C Shelf Manager	FG-5144C-SM	5144C shelf manager with ShMM-700R mezzanine card and radial IPMB bus
FortiGate 5144C Shelf FRU Data Module FortiGate 5144C Power Entry Module FortiGate 514	FortiGate 5144C Fan Tray	FG-5144C-FAN-F	FG-5144C fan tray front
FortiGate 5144C Power Entry Module FG-5144C-PEM FG-5144C-PEM FG-5144C PEM, power entry module FortiGate 5144C Air Filter FG-5144C-AF FortiGate 5144C Blank Panel FG-5144C-ABF FORTIGATE 5144C Blank Panel FG-5144C-ABF FORTIGATE 5144C Blank Panel FG-5144C-ABR FG-5144C-BR FG-514C-BR FG-5144C-BR FG-5144C air filter FG-5144C air filter FG-5144C BR FG-514C BR FG-5144C BR FG-5144C BR FG-5144C BR FG-5144C BR FG-5144C BR	FortiGate 5144C Fan Tray	FG-5144C-FAN-R	FG-5144C fan tray rear
FortiGate 5144C Air Filter FG-5144C-AF FG-5144C-AF FG-5144C air filter FortiGate 5144C Blank Panel FG-5144C-ABF 5000 front slot blank panel with air baffle (aluminum/plastic) FortiGate 5144C Blank Panel FG-5144C-ABR 5000 RTM slot blank panel with air baffle (aluminum/plastic) FortiGate 5053B Power Converter Tray FG-5053B AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpoputed for FG-5000 Series Power Supply Unit PSU-5000B Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B she Security Blades FortiGate 5001D FG-5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSI Networking Blades	FortiGate 5144C Shelf FRU Data Module	FG-5144C-SFRU	FG-5144C shelf FRU data module
FortiGate 5144C Blank Panel FG-5144C-ABF 5000 front slot blank panel with air baffle (aluminum/plastic) FortiGate 5144C Blank Panel FG-5144C-ABR 5000 RTM slot blank panel with air baffle (aluminum/plastic) FortiGate 5053B Power Converter Tray FG-5053B AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpoputed for FG-5000 Series Power Supply Unit PSU-5000B Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B sheepers Security Blades FortiGate 5001D FG-5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSECURITY Blades	FortiGate 5144C Power Entry Module	FG-5144C-PEM	FG-5144C PEM, power entry module
FortiGate 5144C Blank Panel FG-5144C-ABR 5000 RTM slot blank panel with air baffle (aluminum/plastic)  FortiGate 5053B Power Converter Tray FG-5053B AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpoput FortiGate 5000 Series Power Supply Unit PSU-5000B Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B she  Security Blades FortiGate 5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSI  Networking Blades	FortiGate 5144C Air Filter	FG-5144C-AF	FG-5144C air filter
FortiGate 5053B Power Converter Tray  FG-5053B  AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpopulated FortiGate 5000 Series Power Supply Unit  PSU-5000B  Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B shelp sh	FortiGate 5144C Blank Panel	FG-5144C-ABF	5000 front slot blank panel with air baffle (aluminum/plastic)
FortiGate 5000 Series Power Supply Unit PSU-5000B Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B she Security Blades  FortiGate 5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSE Networking Blades	FortiGate 5144C Blank Panel	FG-5144C-ABR	5000 RTM slot blank panel with air baffle (aluminum/plastic)
Security Blades  FortiGate 5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSI Networking Blades	FortiGate 5053B Power Converter Tray	FG-5053B	AC power converter shelf for high capacity 5000 chassis, supports up to 4 PSU-5000B power supply units, unpopulated
FortiGate 5001D FG-5001D Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSE Networking Blades	FortiGate 5000 Series Power Supply Unit	PSU-5000B	Power supply unit for FG-5000 series, AC power supply unit, 1,200 Watts maximum, requires FortiGate 5053B shelf
Networking Blades	Security Blades		
·	FortiGate 5001D	FG-5001D	Security blade with 2x 40 GE QSFP+, 2x 10 GE SFP+/GE SFP slots, 2x GE RJ45 management ports, 200 GB SSD onboard storage
FortiController 5913C FCTRL-5913C Networking blade with 2x 100 GE CFP2 fabric ports and 2x 10 GE SFP+ base ports, includes 2 SR SFP+	Networking Blades		
	FortiController 5913C	FCTRL-5913C	Networking blade with 2x 100 GE CFP2 fabric ports and 2x 10 GE SFP+ base ports, includes 2 SR SFP+



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