ORDERING GUIDE

FortiSwitch

		SECURE ACCESS			SECURE CAMPUS				
	RETAIL	BRANCH			MEDIUM CAMPUS				
	108F	110G-FPOE	148E	224E 248D	124F 148F	124G	424E 448E M426E	1024E 1048E	T1024E T1024F-FPOE
Size, Scale, and Type	Single Tier Templated	Single or Multi-Tier Templated	Single or Multi-Tier Templated	Single or Multi-Tier Templated	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier
Number of Switches	1-3	10s	10s	10s	Low 100s	Low 100s	Low 100s	Low 100s	Low 100s
Multitier		Larger branches	Larger branches	Larger branches	⊘	⊘	⊘	⊘	⊘
10G Access Ports								⊘	⊘
25G Access Ports									
Multigig Ports for Access Points		⊘					⊘		⊘
Uplink Speed	1G (SFP)	10G (SFP+P)	1G (SFP)	1G (SFP)	10G (SFP+)	10G (SFP+)	10G (SFP+)	100G (QSFP28)	100G (QSFP28)
Downlink Speed	1G (RJ45)	1G/2.5G/5G (RJ45)	1G (RJ45)	1G (RJ45)	1G (RJ45)	2.5G (RJ45)	1G (RJ45) 1G (SFP)	10G (SFP+)	1G/2.5G/ 5G /10G (RJ45)
Power Supply				Internal Redundant or RPS			Internal Redundant	Redundant Hot-Swappable	Redundant Hot-Swappable
Features									
Access Security	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
FortiLink Support	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Netflow		⊘		⊘	⊘	⊘	⊘	⊘	⊘
MCLAG				⊘			⊘	⊘	⊘
L3 Routing				⊘			⊘	⊘	⊘
Additional Services									
24×7 Support	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Cloud-managed	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on

FORTISWITCH

| | CAMPUS CORE AND DATA CENTER | | | | OT | | | |
| | LARGE CAMPUS | | | | INDUSTRIAL ENVIRONMENT | | | |
	548D	**624F 648F**	**2048F**	**3032E**	**FSR-108F**	**FSR-112D-POE**	**FSR-216F-POE**	**FSR-424F-POE**
Size, Scale, and Type	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Industrial DIN-rail	Industrial DIN-rail	Industrial DIN-rail	Industrial Rack-mount
Number of Switches	100s+	100s+	100s+	100s+	Any	Any	Any	Any
Multitier	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
10G Access Ports							⊘	⊘
25G Access Ports		⊘						
100G Access Ports				⊘				
Multigig Ports for Access Points		⊘						⊘
Uplink Speed	10G (SFP+) 40G (QSFP)	25G (SFP28)	100G (QSFP28)		1G SFP	1G SFP	10G SFP+	10G (SFP+) 40G (QSFP)
Downlink Speed	1G (RJ45)	1G/2.5G/5G (RJ45)	25G (SFP28)	100G (QSFP28)	1G (RJ45)	1G (RJ45) 1G (SFP)	1G (RJ45)	100M/1G/ 2.5G (RJ45) 1G/2.5G (SFP)
Power Supply	Redundant Hot-Swappable	Redundant Hot-Swappable	Redundant Hot-Swappable	Redundant Hot-Swappable	Redundant DC Input	Redundant DC Input	Redundant DC Input	Redundant DC Input
Features								
Access Security	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
FortiLink Support	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Netflow	⊘	⊘	⊘	⊘				⊘
MCLAG	⊘	⊘	⊘	⊘				⊘
L3 Routing	⊘	⊘	⊘	⊘				⊘
Additional Services								
24×7 Support	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘
Cloud-managed	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on

ORDER INFORMATION

	SECURE ACCESS			SECURE CAMPUS					CAMPUS CORE AND DATA CENTER				OT
	RETAIL	BRANCH		MEDIUM CAMPUS					LARGE CAMPUS				INDUSTRIAL ENVIRONMENT
	108F	148E	224E 248D	124F 148F	124G	424E 448E M426E	1024E 1048E	T1024E T1024F-FPOE	548D	624F 648F	2048F	3032E	FSR-108F
FortiGate-managed													
Non-PoE													
8 port	FS-108F FC-10-F108N-247-02-DD												FSR-108F FC-10-S08FN-247-02-DD
24 port			FS-224E FC-10-W0300-247-02-DD	FS-124F FC-10-S124N-247-02-DD		FS-424E FC-10-S424E-247-02-DD	FS-1024E FC-10-S1E24-247-02-DD						
24 port 1G/2.5G copper					FS-124G FC-10-S24GN-247-02-DD								
24 port 1G/2.5G/ 5G copper										FS-624F FC-10-624FN-247-02-DD			
24 port 1G/2.5G/ 5G/10G copper								FS-T1024E FC-10-T1E24-247-02-DD					
32 port												FS-3032E FC-10-S3E32-247-02-DD	
32 port 1G/2.5G 16 port 1G/ 2.5G/5G										FS-648F FC-10-648FN-247-02-DD			
48 port		FS-148E FC-10-S148E-247-02-DD	FS-248D FC-10-W248D-247-02-DD	FS-148F FC-10-148FN-247-02-DD		FS-448E FC-10-S448N-247-02-DD	FS-1048E FC-10-1E48F-247-02-DD		FS-548D FC-10-W0548-247-02-DD		FS-2048F FC-10-S2F48-247-02-DD		
1G Fiber 24 port						FS-424E-FIBER FC-10-S424I-247-02-DD							

ORDER INFORMATION

	SECURE ACCESS				SECURE CAMPUS				
	RETAIL	BRANCH			MEDIUM CAMPUS				
	108F	110G-FPOE	148E	224E 248D	124F 148F	124G	424E 448E M426E	1024E 1048E	T1024E T1024F-FPOE
FortiGate-managed									
PoE									
4/8 port (af/at)	FS-108F-POE FC-10-F108P-247-02-DD								
8/8 port (af/at)	FS-108F-FPOE FC-10-F108F-247-02-DD								
8/10 port (af/at) 2/10 port (af/at/bt)		FS-110G-FPOE FC-10-M10GF-247-02-DD							
8 port (af/at/bt) 16 port (af/at						FS-124G-FPOE FC-10-S24GF-247-02-DD			
12/24 port (af/at)		FS-124E-POE FC-10-S248P-247-02-DD			FS-124F-POE FC-10-S124P-247-02-DD		FS-424E-POE FC-10-S424P-247-02-DD		
16/16 port (af/at/bt)									
24/24 port (af/at)				FS-224D-FPOE FC-10-W0226-247-02-DD	FS-124F-FPOE FC-10-S124F-247-02-DD		FS-424E-FPOE FC-10-S424F-247-02-DD FS-M426E-FPOE FC-10-M426E-247-02-DD		
24/24 port (af/at/bt)									FS-T1024F-FPOE FC-10-TF124-247-02-DD
24/48 port (af/at)				FS-248E-POE FC-10-WP248-247-02-DD	FS-148F-POE FC-10-148FP-247-02-DD		FS-448E-POE FC-10-S448P-247-02-DD		
48/48 port (af/at)				FS-248E-FPOE FC-10-W248E-247-02-DD			FS-448E-FPOE FC-10-S448F-247-02-DD		
Add-on Licenses									
Advanced Switching License*		FS-SW-LIC-200 (not available with FS-148E or FS-148E-POE)					FS-SW-LIC-400 (only available with FS-4XX)	FS-SW-LIC-1000	FS-SW-LIC-1000

ORDER INFORMATION

	CAMPUS CORE AND DATA CENTER				OT			
	LARGE CAMPUS				INDUSTRIAL ENVIRONMENT			
	548D	624F 648F	2048F	3032E	FSR-108F	FSR-112D-POE	FSR-216F-POE	FSR-424F-POE
FortiGate-managed								
PoE								
8/8 port (af/at)						FSR-112D-POE FC-10-W112D-247-02-DD		
12/24 port (af/at)								FSR-424F-POE FC-10-R24FP-247-02-12
16/16 port (af/at/bt)							FSR-216F-POE FC-10-SR16F-247-02-DD	
24/24 port (af/at/bt)		FS-624F-FPOE FC-10-624FF-247-02-DD						
48/48 port (af/at)	FS-548D-FPOE FC-10-W0501-247-02-DD							
48/48 port (af/at/bt)		FS-648F-FPOE FC-10-648FF-247-02-DD						
Add-on Licenses								
Advanced Switching License*	FS-SW-LIC-500	FS-SW-LIC-600	FS-SW-LIC-2000	FS-SW-LIC-3000				FS-SW-LIC-400
Cloud Management License**	FC-10-FSW20-628-02-DD	FC-10-FSW20-628-02-DD	FC-10-FSW30-628-02-DD	FC-10-FSW30-628-02-DD	FC-10- FSW10-628-02- DD	FC-10-FSW10-628-02-DD	FC-10- FSW10-628-02-DD	FC-10-FSW10-628-02-DD

ORDER INFORMATION

	SECURE ACCESS				SECURE CAMPUS				
	RETAIL	BRANCH			MEDIUM CAMPUS				
	108F	110G-FPOE	124E 148E	224E 248D	124F 148F	124G	424E 448E M426E	1024E 1048E	T1024E T1024F-FPOE
SFP Transceivers									
1Gbps, 220m	FN-TRAN-SX	FN-TRAN- SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	
1Gbps, 10km	FN-TRAN-LX	FN-TRAN- LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	
1000 Base-T(RJ45), 100m	FN-TRAN-GC	FN-TRAN- GC	FN-TRAN-GC	FN-TRAN-GC	FN-TRAN-GC	FN-TRAN-GC	FN-TRAN-GC	FN-TRAN-GC	
2.5Gbps, 300m	FN-TRAN-SFP2-SX	FN-TRAN-SFP2-SX	FN-TRAN-SFP2-SX	FN-TRAN-SFP2-SX	FN-TRAN-SFP2-SX	FN-TRAN-SFP2- SX	FN-TRAN-SFP2-SX	FN-TRAN-SFP2-SX	
2.5Gbps, 20km	FN-TRAN-SFP2-LX	FN-TRAN-SFP2-LX	FN-TRAN-SFP2-LX	FN-TRAN-SFP2-LX	FN-TRAN-SFP2-LX	FN-TRAN-SFP2- LX	FN-TRAN-SFP2-LX	FN-TRAN-SFP2-LX	
10Gbps, 300m		FN-TRAN-SFP+SR			FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	
10Gbps, 10km		FN-TRAN-SFP+LR			FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	
10Gbps, 30km		FN-TRAN- SFP-BD27 FN-TRAN-SFP-BD33***			FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	
10Gbps, 80km		FN-TRAN-SFP+ZR			FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	
25Gbps, 100m									
25Gbps, 10km									
40Gbps, 150m (OM4)								FN-TRAN-QSFP+SR	FN-TRAN-QSFP+SR
40Gbps, 10km								FN-TRAN-QSFP+LR	FN-TRAN-QSFP+LR
40Gbps, 40km								FN-TRAN-QSFP+ER	FN-TRAN-QSFP+ER
100Gbps, 100m								FN-TRAN-QSFP28-SR FN-TRAN-QSFP28-BIDI	FN-TRAN-QSFP28-SR FN-TRAN- QSFP28-BIDI
100Gbps, 500m								FN-TRAN-QSFP28-DR	FN-TRAN-QSFP28-DR
100Gbps, 10km								FN-TRAN-QSFP28-LR	FN-TRAN-QSFP28-LR
100Gbps, 20km								FN-TRAN-QSFP28-ER	FN-TRAN-QSFP28-ER

ORDER INFORMATION

	CAMPUS CORE AND DATA CENTER				INDUSTRIAL ENVIRONMENT			
	LARGE CAMPUS				FSR-108F	FSR-112D-POE	FSR-216F-POE	FSR-424F-POE
	548D	624F 648F	2048F	3032E				
SFP Transceivers								
1Gbps, 220m	FN-TRAN- SX	FN-TRAN- SX	FN-TRAN-SX		FN-TRAN-SX	FN-TRAN-SX	FN-TRAN- SX	FN-TRAN-SX
1Gbps, 10km Advanced	FN-TRAN- LX	FN-TRAN- LX	FN-TRAN-LX		FN-TRAN-LX	FN-TRAN-LX	FN-TRAN- LX	FN-TRAN-LX
1000 Base-T(RJ45), 100m	FN-TRAN- GC	FN-TRAN- GC	FN-TRAN-GC		FN-TRAN-GC	FN-TRAN-GC	FN-TRAN- GC	FN-TRAN-GC
2.5Gbps, 300m	FN-TRAN- SFP2-SX	FN-TRAN- SFP2-SX	FN-TRAN- SFP2-SX		FN-TRAN- SFP2-SX		FN-TRAN- SFP2-SX	FN-TRAN-SFP2-SX
2.5Gbps, 20km	FN-TRAN- SFP2-LX	FN-TRAN- SFP2-LX	FN-TRAN- SFP2-LX		FN-TRAN- SFP2-LX		FN-TRAN- SFP2-LX	FN-TRAN-SFP2-LX
10Gbps, 300m	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR		FR-TRAN-ZX	FR-TRAN-ZX	FN-TRAN- SFP+SR	FN-TRAN- SFP+SR
10Gbps, 10km	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR				FN-TRAN- SFP+LR	FN-TRAN- SFP+LR
10Gbps, 30km	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***				FN-TRAN- SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***
10Gbps, 80km	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR				FN-TRAN- SFP+ZR	FN-TRAN- SFP+ZR
25Gbps, 100m		FN-TRAN-SFP28-SR	FN-TRAN-SFP28-SR					
25Gbps, 10km		FN-TRAN-SFP28-LR	FN-TRAN-SFP28-LR					
40Gbps, 150m (OM4)	FN-TRAN-QSFP+SR		FN-TRAN-QSFP+SR	FN-TRAN-QSFP+SR				FN-TRAN-QSFP+SR
40Gbps, 10km	FN-TRAN-QSFP+LR		FN-TRAN-QSFP+LR	FN-TRAN-QSFP+LR				FN-TRAN-QSFP+LR
40Gbps, 40km	FN-TRAN-QSFP+ER		FN-TRAN-QSFP+ER	FN-TRAN-QSFP+ER				FN-TRAN-QSFP+ER
100Gbps, 100m			FN-TRAN-QSFP28-SR FN-TRAN-QSFP28-BIDI	FN-TRAN-QSFP28-SR FN-TRAN-QSFP28-BIDI				
100Gbps, 500m			FN-TRAN-QSFP28-DR	FN-TRAN-QSFP28-DR				
100Gbps, 10km			FN-TRAN-QSFP28-LR	FN-TRAN-QSFP28-LR				
100Gbps, 20km			FN-TRAN-QSFP28-ER	FN-TRAN-QSFP28-ER				

* The Advanced Switching license enables dynamic routing protocols in standalone mode.
** Includes FortiCare only when FortiEdge Cloud manages the unit.
*** FN-TRAN-SFP-BD27 and FN-TRAN-SFP-BD33 must be connected to each other.

This document is a guide to assist in common scenarios. Refer to the datasheet for detailed specifications.

ORDER INFORMATION

POWER SUPPLY OPTIONS	
AC redundant power supply for FS-624F and FS-648F	FS-PSU-350
AC redundant power supply for FS-624F-FPOE and FS-648F-FPOE	FS-PSU-1200
AC redundant power supply for FS-548D and FS-524D	FS-PSU-150
AC spare power supply for FS-1024D/1048E	FS-PSU-460
AC redundant power supply for FS-1024E/FS-T1024E	FS-PSU-300
AC redundant power supply for FS-2048F	FS-PSU-650
AC additional POE power capacity power supply for FS-524D-FPOE	FS-PSU-600
AC spare power supply for FS-3032E	FS-PSU-800
AC additional POE power capacity power supply for FS-548D-FPOE	FS-PSU-920
Redundant AC power supply for up to 2 units: FS-224D-FPOE, FS-224E-POE, FS-248E-POE, and FS-248E-FPOE	FRPS-740-FS

FORTINET TRAINING AND CERTIFICATION

FCP – FortiSwitch Training and Certification

Learn how to deploy, provision, and manage a FortiSwitch with FortiGate using FortiLink. This course also covers the deployment and troubleshooting of Layer 2 and Layer 3 features, as well as the most common FortiSwitch stack topologies, including those that leverage multichassis link aggregation group (MCLAG) for redundancy and higher performance. Also learn about FortiSwitch in standalone mode, its unique features, and how to manage a standalone switch directly, or from FortiLAN Cloud.

Ordering Information

SKU	DESCRIPTION
FT-ILT-D03	Instructor-led Training - 3 days (includes hands-on labs)
NSE-EX-FTE2	Certification Exam

Course Description

For more information about prerequisites, agenda topics, and learning objectives, see the course description at https://training.fortinet.com/local/staticpage/view.php?page=library_fortiswitch

SKU Mapping

https://training.fortinet.com/local/staticpage/view.php?page=purchasing_process

Visit www.fortinet.com for more details

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