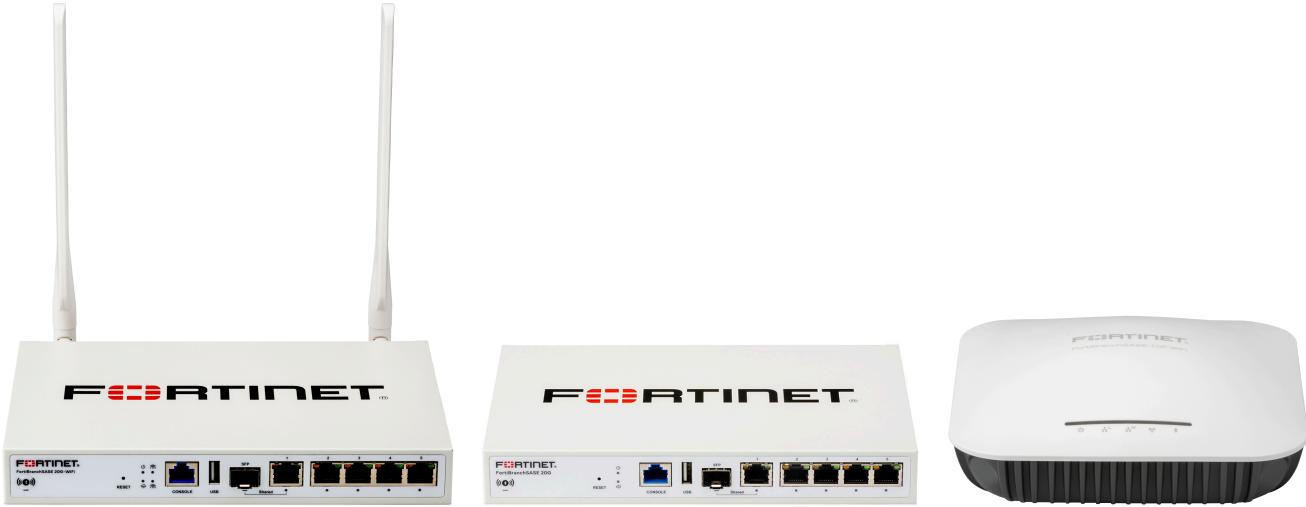


# FortiExtender SASE Series

FortiBranchSASE devices bring security to the Thin Edge



## Highlights

- FortiBranchSASE provides centralized control and configuration, allowing for streamlined connection across the network
- Split-Tunnel capabilities allow for secure connections to corporate application and direct internet access for personal internet access
- Flexible zero-touch provisioning for quick deployment, simple enough for people of all technical levels to install on site
- Unified management console simplifies operations and ensures consistent policy enforcement

## Simple and Secure Connections at the Thin Edge

FortiExtender SASE products, also known as FortiBranchSASE, offer secure reliable connectivity, integrating with Fortinet's FortiOS operating system via FortiSASE or remote FortiGate devices. FortiBranchSASE equipment ensures comprehensive protection at the thin edge. Driven by Fortinet's approach to converged networking and security, FortiBranchSASE as part of our FortiExtender product line, serves as an extension of the Fortinet Security Fabric to protect even the smallest of office spaces.

From microbranches to temporary offices, FortiBranchSASE provides consistent protected access to corporate resources from any location and shields the network from threats.

## Use Cases



### Micro Branches—ultra small sites that fall under ITs responsibility

Seamless connectivity and protection for small services branches

- Consistent policy application across the corporate footprint
- Supports small sized environments with matching minimal hardware



### Remote Work—for super-users with an at home office

Safe and reliable access to corporate resources from home

- Central management and policy implementation for multi-device home offices
- Zero-touch provisioning for non-technical users



### Temporary Deployments— quick setup pop-up locations

Efficient and secure protection for short-term setups with rapid easy deployment

- Compact size facilitates easy networks in small spaces
- Zero-touch provisioning for quick on-site deployment

## Highlights

### FortiBranchSASE 20G

This enterprise grade small switch allows for desktop or wall mounting to provide a secured network connection between headquarters and thin-edge sites. Using hardware acceleration, the FortiBranchSASE-20G can provide up to 900Mbps secured IPsec VPN network connection throughput.



- 5x 1GbE switched WAN/LAN configurable ports
- 1 USB2.0 Type A port
- 1 RJ45 console port
- Low Energy Bluetooth (BLE)

FBS-20G		FBS-20G	
<b>Hardware and System</b>		<b>Radio Specifications</b>	
System		4G-LTE/5G Modem	
IPQ6010 - Quad Core A53/1.8GHz		—	
<b>Ethernet Ports</b>		Number of Wi-Fi Antennas	
1x SFP+RJ45, 4x 1GigE WAN or LAN		N/A	
Power over Ethernet (PoE)		MIMO Chains	
—		N/A	
Console Port		Maximum Wi-Fi Speeds	
1x RJ45		N/A	
USB Ports		Maximum TX Power	
USB2.0 - A		N/A	
Bluetooth Low Energy (BLE)		Antenna Gain	
⊕		3.57 dBi (BLE)	
<b>Mounting Options</b>		<b>Advanced Software Features</b>	
Desk and Wall mount		Connection Status	
Type		⊕	
Indoor		Auto-connect	
<b>Dimensions</b>		⊕	
Height x Width x Length (inches)		Auto-select Network	
9.0 x 5.8 x 1.2		⊕	
Height x Width x Length (mm)		Data Byte Count	
228 x 148 x 31		⊕	
Weight		Self-diagnostics	
0.93 kg / 2.0 lb		⊕	
<b>Power and Environment</b>		Power Management — standby and hibernate selective suspend	
Power Required		⊕	
12V/2A (24W)		L2 Tunnel Mode via VLAN or CAPWAP for fast and flexible deployments	
Power Consumption (Average)		⊕	
10.7W		Single Pane of Glass Management via FortiSASE and/or FortiGate	
Power Consumption (Maximum)		⊕	
12.8W		<b>Bandwidth Information</b>	
Operating Temperature		IPsec Throughput	
0°C to 40°C		890Mbps	
Storage Temperature		Lan-Extension Throughput	
-40°C to 70°C		DL/UL: 600Mbps/350Mbps	
Humidity		Max WAN Uplinks Supported	
5% to 95% RH		2	
<b>Certifications</b>		LAN-LAN Layer-2 Frames Throughput	
FCC		950Mbps	
FCC Part 15B, 15C, 2.1091		LAN-WAN NAT 'ed Layer-3 IP Packets Throughput	
IC		900Mbps	
ICES-003, RSS-247, RSS-102			
CE			
EMC 2014/30/EU (EN 55032, EN 55035, EN 61000-3-2/-3-3; EN 301 489-1/-17)			
RED 2014/53/EU (EN 300 328, EN IEC 62311, EN 50665)			
LVD 2014/35/EU (EN 62368-1)			
UL			
UL/CSA 62368-1			
CB			
IEC/EN 62368-1			

## Highlights

### FortiBranchSASE 20G-WiFi

This enterprise grade small switch features built in Wi-Fi radios and allows for desktop or wall mounting to provide a secured network connection between headquarters and thin-edge sites. Using hardware acceleration, the FortiBranchSASE-20G-WiFi model can provide up to 900Mbps secured IPsec VPN network connection throughput.



- 5x 1GbE switched WAN/LAN configurable ports
- 1x USB2.0 Type A port
- 1x RJ45 console port
- Dual Wi-Fi 6 Radios (2.4GHz and 5GHz bands)
- Low Energy Bluetooth (BLE)

FBS-20G-WIFI	
<b>Hardware and System</b>	
System	IPQ6010 - Quad Core A53/1.8GHz
Ethernet Ports	1x SFP+RJ45, 4x 1GigE WAN or LAN
Power over Ethernet (PoE)	—
Console Port	1x RJ45
USB Ports	USB2.0 - A
Bluetooth Low Energy (BLE)	BLE
Mounting Options	Desk and Wall mount
Type	Indoor
<b>Dimensions</b>	
Height x Width x Length (inches)	9.0 x 5.8 x 1.2
Height x Width x Length (mm)	228 x 148 x 31
Weight	0.94 kg / 2.1 lb
<b>Power and Environment</b>	
Power Required	12V/2A (24W)
Power Consumption (Average)	14.8W
Power Consumption (Maximum)	18.3W
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% RH
<b>Certifications</b>	
FCC	FCC Part 15B, 15C, 15E, 2.1091
IC	ICES-003, RSS-247, RSS-102
CE	EMC 2014/30/EU (EN 55032, EN 55035, EN 61000-3-2/-3-3; EN 301 489-1/-17) RED 2014/53/EU (EN 300 328, EN 301 893, EN 300 440, EN IEC 62311, EN 50665, EN 50385) LVD 2014/35/EU (EN 62368-1)
UL	UL/CSA 62368-1
CB	IEC/EN 62368-1

FBS-20G-WIFI	
<b>Radio Specifications</b>	
4G-LTE/5G Modem	—
Number of Wi-Fi Antennas	2
MIMO Chains	2 x 2
Maximum Wi-Fi Speeds	1.8Gbps
Maximum TX Power	23dBm
Antenna Gain	3.57 dBi (BLE) 3.31 dBi/2.4G; 4.84 dBi/5G
<b>Advanced Software Features</b>	
Connection Status	✓
Auto-connect	✓
Auto-select Network	✓
Data Byte Count	✓
Self-diagnostics	✓
Power Management — standby and hibernate selective suspend	✓
L2 Tunnel Mode via VLAN or CAPWAP for fast and flexible deployments	✓
Single Pane of Glass Management via FortiSASE and/or FortiGate	✓
<b>Bandwidth Information</b>	
IPsec Throughput	890Mbps
Lan-Extension Throughput	DL/UL: 600Mbps/350Mbps
Max WAN Uplinks Supported	2
LAN-LAN Layer-2 Frames Throughput	950Mbps
LAN-WAN NAT 'ed Layer-3 IP Packets Throughput	900Mbps

## Highlights

### FortiBranchSASE 10F-WiFi

This enterprise grade Wi-Fi access point is wall or ceiling mountable to provide a secured network connection between headquarters and thin-edge sites. Using hardware acceleration, the FortiBranchSASE-10F-WiFi model can provide up to 900Mbps secured IPsec VPN network connection throughput.



- Dual Wi-Fi 6 Radios (2.4GHz and 5GHz bands)
- 2x 1GbE WAN/LAN configurable ports
- 1x USB2.0 Type A port
- 1x RJ45 console port
- Low Energy Bluetooth (BLE)

FBS-10F-WIFI	
<strong>Hardware and System</strong>	
System	IPQ6010-0 - Quad Core A53/1.6GHz
Ethernet Ports	2x 1GigE RJ45 WAN or LAN
Power over Ethernet (PoE)	1
Console Port	1x RJ45
USB Ports	USB2.0 - A
Bluetooth Low Energy (BLE)	✓
Mounting Options	Desk and Wall mount
Type	Indoor
<strong>Dimensions</strong>	
Height x Width x Length (inches)	6.0 x 6.0 x 2.1
Height x Width x Length (mm)	153 x 153 x 53
Weight	0.7 kg / 1.54 lb
<strong>Power and Environment</strong>	
Power Required	PoE 802.3at (25.5W)
Power Consumption (Average)	11.0W
Power Consumption (Maximum)	13.4W
Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 70°C
Humidity	5% to 95% RH
<strong>Certifications</strong>	
FCC	FCC Part 15B, 15C, 15E, 2.1091
IC	ICES-003, RSS-247, RSS-102
CE	EMC 2014/30/EU (EN 55032, EN 55035, EN 61000-3-2/-3-3; EN 301 489-1/-17) RED 2014/53/EU (EN 300 328, EN 301 893, EN 300 440, EN 62311, EN 50385) LVD 2014/35/EU (EN 62368-1)
UL	UL/CSA 62368-1
CB	IEC/EN 62368-1
<strong>Radio Specifications</strong>	
4G-LTE/5G Modem	—
Number of Wi-Fi Antennas	2
MIMO Chains	2 x 2
Maximum Wi-Fi Speeds	1.8 Gbps
Maximum TX Power	23 dBm
Antenna Gain	4.0 dBi/(BLE); 4.9 dBi/2.4G; 5.5 dBi/5G
<strong>Advanced Software Features</strong>	
Connection Status	✓
Auto-connect	✓
Auto-select Network	✓
Data Byte Count	✓
Self-diagnostics	✓
Power Management — standby and hibernate selective suspend	✓
L2 Tunnel Mode via VLAN or CAPWAP for fast and flexible deployments	✓
Single Pane of Glass Management via FortiSASE and/or FortiGate	✓
<strong>Bandwidth Information</strong>	
IPsec Throughput	890 Mbps
Lan-Extension Throughput	860 Mbps
Max WAN Uplinks Supported	1
LAN-LAN Layer-2 Frames Throughput	N/A
LAN-WAN NAT 'ed Layer-3 IP Packets Throughput	900 Mbps

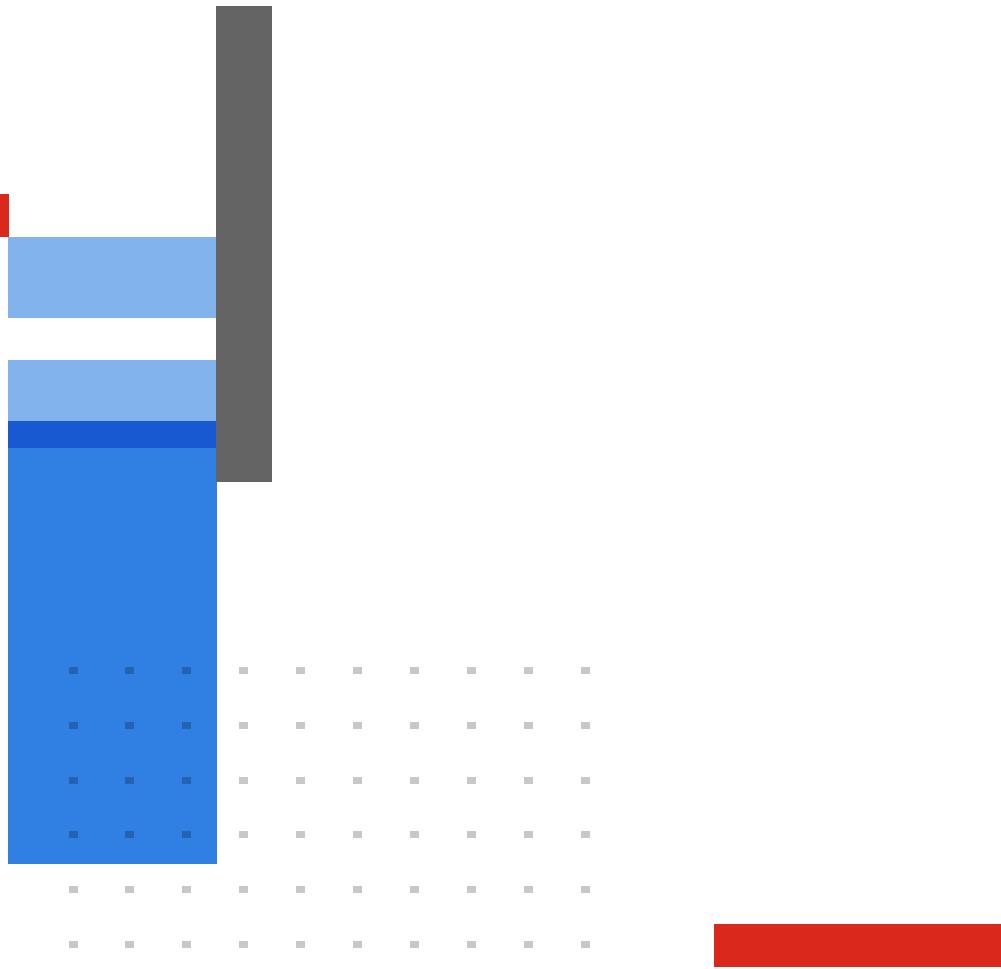
## Ordering Information

Product	SKU	Description
<b>FortiBranchSASE-20G</b>	FBS-20G	Indoor desktop/wall mount FortiSASE extension device, designed specifically to quickly provide connectivity and security to small branch offices, delivered from FortiSASE, via L2 tunnel. 1x GbE Combo (SFP + RJ45) + 4x GbE RJ45 WAN/LAN configurable ports, 1x USB2.0 Type A port, 1x RJ45 console port and 1x BLE. HW accelerated, 900 Mbps IPsec throughput. Wall mount kit included.
	FC-10-BS20G-595-02-DD	FortiSASE subscription including cloud management and bandwidth license.
	FC-10-BS20G-247-02-DD	FortiCare Premium Support.
	FC-10-BS20G-210-02-DD	Next Calendar Day Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS20G-211-02-DD	4-Hour Hardware Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS20G-212-02-DD	4-Hour Hardware and Onsite Engineer Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS20G-1070-02-DD	FortiSASE subscription + FortiCare Premium bundle including cloud management and bandwidth license.
	FBS-20G-WIFI	Indoor desktop/wall mount FortiSASE extension device, designed specifically to quickly provide connectivity and security to small branch offices, delivered from FortiSASE, via L2 tunnel. 1x GbE Combo (SFP + RJ45) + 4x GbE RJ45 WAN/LAN configurable ports, 2x 2x2 Wi-Fi Radios (2.4Ghz & 5GHz), 1x USB2.0 Type A port, 1x RJ45 console port and 1x BLE. HW accelerated, 900 Mbps IPsec throughput. Wall mount kit included.
	FC-10-BS20G-WIFI-595-02-DD	FortiSASE subscription including cloud management and bandwidth license.
	FC-10-BS20G-WIFI-247-02-DD	FortiCare Premium Support.
<b>FortiBranchSASE 20G-WIFI</b>	FC-10-BS20G-WIFI-1070-02-DD	FortiSASE subscription + FortiCare Premium bundle including cloud management and bandwidth license.
	FC-10-BS20G-WIFI-210-02-DD	Next Calendar Day Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS20G-WIFI-211-02-DD	4-Hour Hardware Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS20G-WIFI-212-02-DD	4-Hour Hardware and Onsite Engineer Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FBS-10F-WIFI	Indoor ceiling/wall mount FortiSASE extension device, designed specifically to quickly provide connectivity and security to small branch offices, delivered from FortiSASE, via L2 tunnel. 2x 2x2 Wi-Fi Radios (2.4Ghz & 5GHz), 2x GbE RJ45 WAN/LAN configurable ports, 1x USB2.0 Type A port, 1x RJ45 console port and 1x BLE. HW accelerated, 900 Mbps IPsec throughput. Wall mount kit included.
	FC-10-BS10F-WIFI-595-02-DD	FortiSASE subscription including cloud management and bandwidth license.
	FC-10-BS10F-WIFI-247-02-DD	FortiCare Premium Support.
	FC-10-BS10F-WIFI-1070-02-DD	FortiSASE subscription + FortiCare Premium bundle including cloud management and bandwidth license.
	FC-10-BS10F-WIFI-210-02-DD	Next Calendar Day Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS10F-WIFI-211-02-DD	4-Hour Hardware Delivery Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).
	FC-10-BS10F-WIFI-212-02-DD	4-Hour Hardware and Onsite Engineer Priority RMA Service (Requires FortiCare Premium or FortiCare Elite).

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