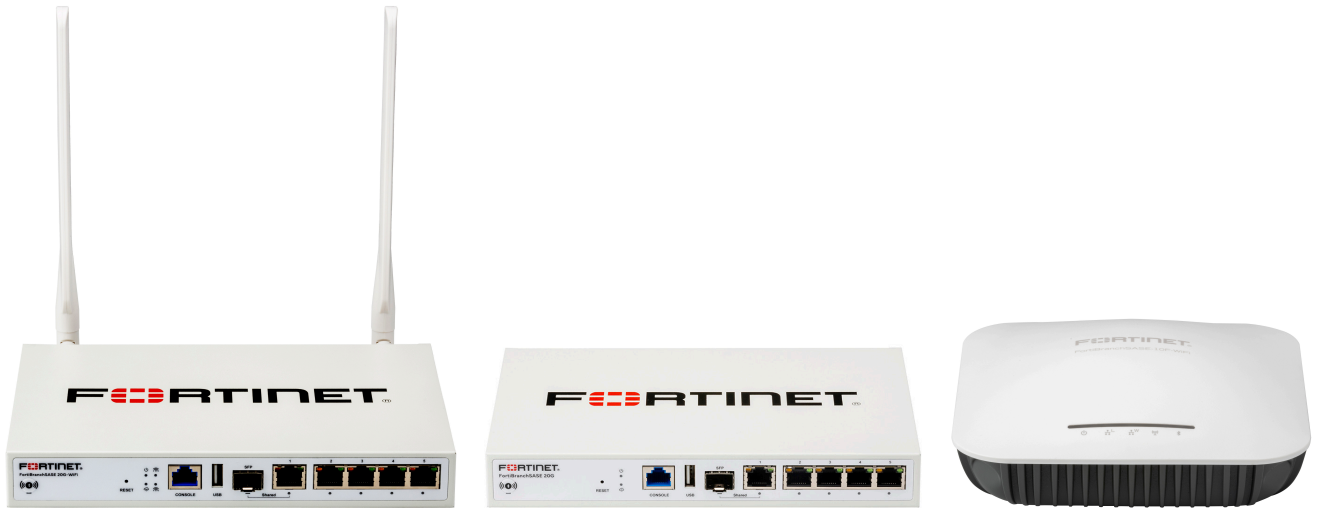# FortiExtender SASE Series

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.

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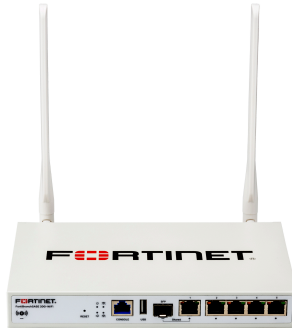- 1 RJ45 console port
- Low Energy Bluetooth (BLE)

	FBS-20G
Hardware and System	
System	IPQ6010 - Quad Core A53/1.8GHz
Ethernet Ports	1x SFP+RJ45, 4× 1GigE WAN or LAN
Power over Ethernet (PoE)	—
Console Port	1x RJ45
USB Ports	USB2.0 - A
Bluetooth Low Energy (BLE)	⊘
Mounting Options	Desk and Wall mount
Type	Indoor
Dimensions	
Height x Width x Length (inches)	9.0 × 5.8 × 1.2
Height x Width x Length (mm)	228 × 148 × 31
Weight	0.93 kg / 2.0 lb
Power and Environment	
Power Required	12V/2A (24W)
Power Consumption (Average)	10.7W
Power Consumption (Maximum)	12.8W
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% RH
Certifications	
FCC	FCC Part 15B, 15C, 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 IEC 62311, EN 50665) LVD 2014/35/EU (EN 62368-1)
UL	UL/CSA 62368-1
CB	IEC/EN 62368-1

	FBS-20G
Radio Specifications	
4G-LTE/5G Modem	—
Number of Wi-Fi Antennas	N/A
MIMO Chains	N/A
Maximum Wi-Fi Speeds	N/A
Maximum TX Power	N/A
Antenna Gain	3.57 dBi (BLE)
Advanced Software Features	
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	⊘
Bandwidth Information	
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 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.

- 5× 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	
Hardware and System	
System	IPQ6010 - Quad Core A53/1.8GHz
Ethernet Ports	1x SFP+RJ45, 4× 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
Dimensions	
Height x Width x Length (inches)	9.0 × 5.8 × 1.2
Height x Width x Length (mm)	228 × 148 × 31
Weight	0.94 kg / 2.1 lb
Power and Environment	
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
Certifications	
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	
Radio Specifications	
4G-LTE/5G Modem	—
Number of Wi-Fi Antennas	2
MIMO Chains	2 × 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
Advanced Software Features	
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	⊘
Bandwidth Information	
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)
- 2× 1GbE WAN/LAN configurable ports
- 1x USB2.0 Type A port
- 1x RJ45 console port
- Low Energy Bluetooth (BLE)

	FBS-10F-WIFI
Hardware and System	
System	IPQ6010-0 - Quad Core A53/1.6GHz
Ethernet Ports	2× 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
Dimensions	
Height x Width x Length (inches)	6.0 × 6.0 × 2.1
Height x Width x Length (mm)	153 × 153 × 53
Weight	0.7 kg / 1.54 lb
Power and Environment	
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
Certifications	
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

	FBS-10F-WIFI
Radio Specifications	
4G-LTE/5G Modem	—
Number of Wi-Fi Antennas	2
MIMO Chains	2 × 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
Advanced Software Features	
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	⊘
Bandwidth Information	
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

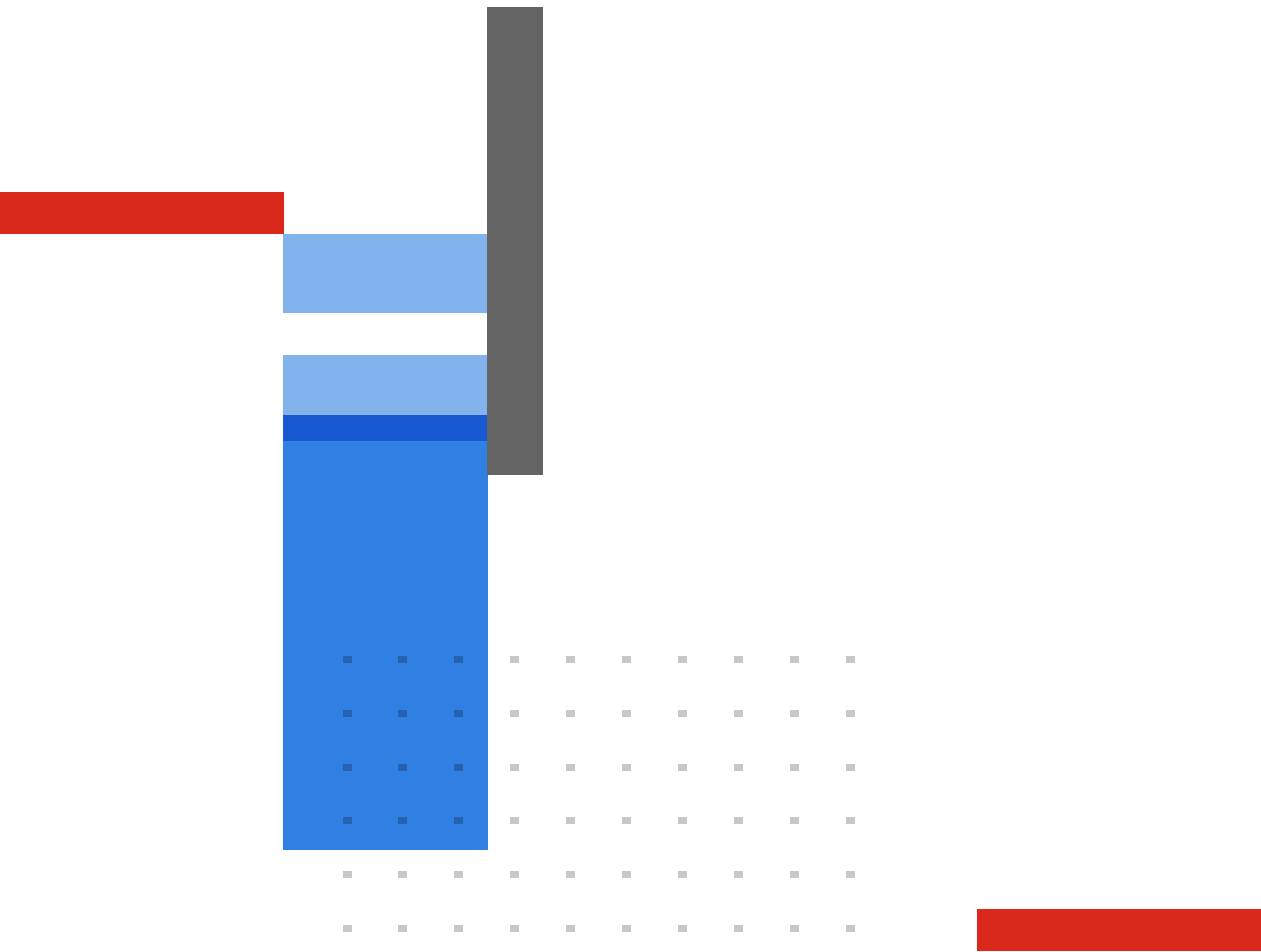| Product	SKU	Description
FortiBranchSASE-20G	FBS-20G	Indoor desktop/wall mount FortiSASE extension device, designed specifically to quickly provide connectivity and security to small branch offices, delivered from FortiSASE, via L2 tunnel. 1x GbE Combo (SFP + RJ45) + 4x GbE RJ45 WAN/LAN configurable 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).
FortiSASE subscription	FC-10-BS20G-1070-02-DD	FortiSASE subscription + FortiCare Premium bundle including cloud management and bandwidth license.
FortiBranchSASE 20G-WiFi	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, 2× 2×2 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.
	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).
FortiBranchSASE 10F-WIFI	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. 2× 2×2 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).

Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.

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