Barracuda CloudGen Firewall

F180 and F183 Revision A

https://campus.barracuda.com/doc/71862277/

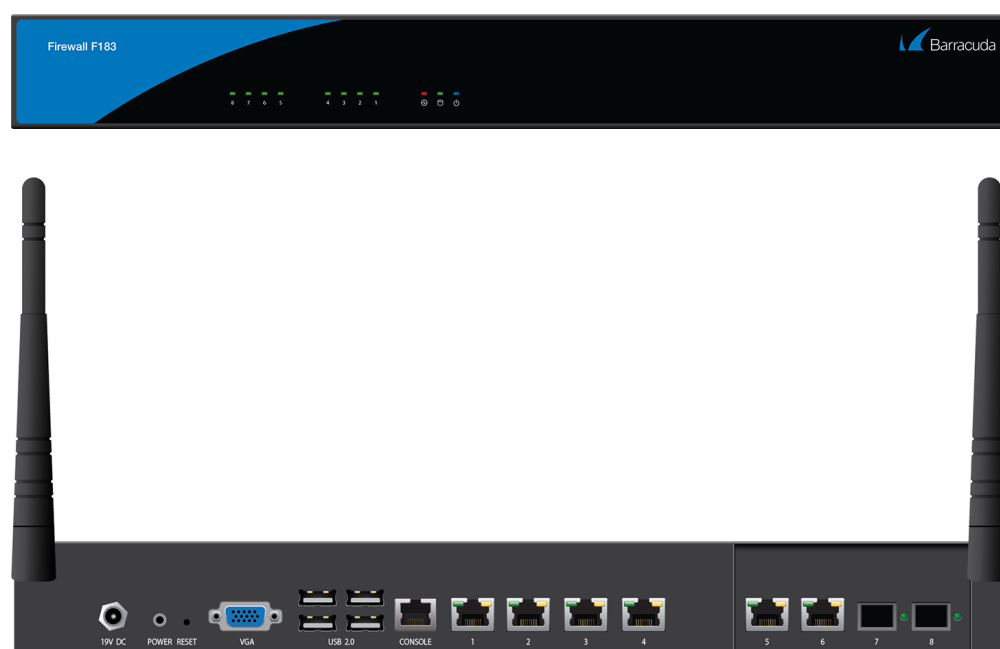**F180 Rev. A Standard Model**

Model F183 Rev. A

Warranty and Safety Instructions

Opening your Barracuda Networks appliance or removing its warranty label unless instructed to

do so by Barracuda Networks support will void your warranty and hardware support.

Barracuda Networks Appliance Safety Instructions

Always use the power supply shipped with the appliance. To prevent damage, connect the DC plug to the appliance before plugging the power adapter into the AC outlet.

Default Port Configuration

Port Label	OS Notation	Speed/Type	Management Port
1	p1	10/100/1000 MBit RJ45	X
2	p2	10/100/1000 MBit RJ45	
3	p3	10/100/1000 MBit RJ45	
4	p4	10/100/1000 MBit RJ45	
5	p5	10/100/1000 MBit RJ45	
6	p6	10/100/1000 MBit RJ45	
s1-s8	s	10/100/1000 MBit RJ45	switch

Model F183 A Port Configuration

Port Label	OS Notation	Speed/Type	Management Port
1	p1	10/100/1000 MBit RJ45	X
2	p2	10/100/1000 MBit RJ45	
3	p3	10/100/1000 MBit RJ45	
4	p4	10/100/1000 MBit RJ45	
5	p5	10/100/1000 MBit RJ45	
6	p6	10/100/1000 MBit RJ45	
7	p7	1 GbE Optical Fiber SFP	
8	p8	1 GbE Optical Fiber SFP	

The CloudGen Firewall hardware appliances ship with a Quick Start Guide. Follow this guide to connect to your firewall. To protect your network, follow the instructions for the standard deployment.

Hardware Specifications

Interface	
Model F180 A	6x 1 GbE RJ45 Ethernet & 8-port RJ45 Ethernet switch
Model F183 A	6x 1 GbE RJ45 Ethernet & 2x 1 GbE SFP Optical Fiber
USB 2.0	4
Serial console	1 [RJ45]
Integrated Wi-Fi (IEEE 802.11b/g/n)	Yes
System	
RAM [GB]	2 or higher
Mass Storage	
Type	SSD
Size [GB]	80
Size, Weight, Dimensions	
Appliance weight [kg]	2.1
Carton weight with appliance [kg]	4.5
Appliance size: width x depth x height [mm]	378 x 162 x 44
Carton size: width x depth x height [mm]	786 x 495 x 471
Form factor	Compact
Hardware	
Cooling	Fan
Power supply	Single, external
L-Shape rack mount bracket	Included in packaging
Wall mount bracket	Included in packaging
Environmental	
Noise emission [db/A]	60
Operating temperature [°C]	0 to +35
Storage temperature [°C]	-20 to +70
Operating humidity (non-condensing)	5% to 95%
Certifications & Compliance	
CE emissions	Yes
CE electrical safety	Yes
FCC emissions	Yes
ROHS compliant	Yes

Power & Efficiency	
Power supply type	External
Power type [AC/DC]	AC
Input rating [Volts]	100-240
Input frequency [Hz]	50-60
Auto sense	Yes
Wattage / max. power draw [W]	45
Max. power draw (@ 230V) [A]	0.2
Max. heat dissipation [W]	19
Max. heat dissipation [BTU]	65
Energy efficiency [average]	> 85%

The hardware specifications list was valid at the time this manual was published. The listed components are subject to change at any time, as Barracuda Networks may change hardware components due to technological advancements. Therefore, the list may not reflect the current hardware configuration of the Barracuda Networks appliance it was delivered with.

Wall Mount Kit

This appliances is shipped with a wall mount kit. Print the Barracuda CloudGen Firewall Wall Mount Jig to use as a template when drilling the required holes. Do not scale the PDF when printing.

LEDs and Acoustic Signals

Your appliance is equipped with a variety of LEDs and acoustic signals. The front panel of the Barracuda CloudGen Firewall F180 A and F183 A contains one power LED (blue), one disc LED (green), one status LED (red), and 4 port LEDs. On the back panel, you can see one power button LED and various port LEDs. Two acoustic signals indicate status of installation. The tables below show the different meanings of the different glowing states and acoustic signals:

LED Color	Status	Meaning Installation	Meaning Operation
All LEDs Off	Off	Appliance is powered off or installation has not initialized far enough for LED control when installation is started.	Appliance is powered off.

Power LED front side - BLUE	Steady	-	Appliance is plugged in and is on.
Status LED front side - RED	Off	Installation has finished successfully.	Box is running normally.
Status LED front side - RED	Steady	After a hotfix installation, the LED turns to red until the next reboot in case the hotfix installation failed. This feature requires firmware 7.1.3 or higher OR 7.2.2 or higher.	Appliance is halted and may be disconnected, or an error occurred preventing the appliance from entering the up state.
Status LED front side - RED	Blinking slowly (1/s interval)	Normal installation.	Appliance is either booting, shutting down, or performing a system update.
Status LED front side - RED	Blinking fast (4/s interval)	Error during installation.	Appliance is in ART mode.
Disc LED - GREEN	Blinking	Appliance is reading or writing on storage.	Appliance is accessing the internal storage.
Port LEDs - GREEN/YELLOW	Left blinking	Data transfer – Yellow (10/100 Mbps)	Port in use.
	Right steady	-	Port is on.
PSU LEDs - GREEN	Steady	PSU modules connected and running	Power supply unit is up and running.
	Off	Power defective, standby, or shutdown	Power supply unit is off or in standby mode.

Acoustic Signal	Frequency	Meaning
Beep	1 time (.)	Appliance is booting.
Beep	3 times (...)	Installation was completed successfully; appliance is halted for reboot. After reboot, one beep will again indicate booting.
Beep	3 times long (_ _ _)	Error during installation

LED and acoustic signals may vary between different appliance models.

Serial Console Port

In order to establish a console connection to the appliance using an RJ45 serial cable, you need to configure the serial port on the terminal using the following parameters:

Parameter	Value

Baud	19200
Bits	8
Stop bit	1
Parity	None
Handshake	None

Figures

1. F180_front.png
2. F180.back.withAntenna.png
3. F183_aFront.png
4. F183.back_with-Antenna.png