

F280 Revision C

<https://campus.barracuda.com/doc/93880708/>



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	dhcp
5	p5	10/100/1000 MBit RJ45	
6	p6	10/100/1000 MBit RJ45	
7	p7	10/100/1000 MBit RJ45	
8	p8	10/100/1000 MBit RJ45	
9	p9	10/100/1000 MBit RJ45	
10	p10	10/100/1000 MBit RJ45	
11	p11	10/100/1000 MBit RJ45	
12	p12	10/100/1000 MBit RJ45	

13	p13	1 GbE Optical Fiber SFP	
14	p14	1 GbE Optical Fiber SFP	
15	p15	1 GbE Optical Fiber SFP	
16	p16	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	
RJ45 Ethernet NICs	<ul style="list-style-type: none">• 12 x 1 GbE RJ45 Ethernet• 4 x 1 GbE SFP
USB 3.0	2
Serial console	1 [RJ45]
Integrated Wi-Fi (IEEE 802.11b/g/n)	Yes
System	
CPU	AMD R-Series, 4 cores
RAM [GB]	4
Mass Storage	
Type	SSD
Size [GB]	80 / > 80
Size, Weight, Dimensions	
Appliance weight [kg]	2.3
Carton weight with appliance [kg]	4.6
Appliance size: width x depth x height [mm]	300 x 219 x 44
Carton size: width x depth x height [mm]	400 x 340 x 185
Hardware	
Form Factor	Desktop
Display	-
Cooling	Fan
Power supply	Single, external
L-shape rack mount brackets	Included in packaging
Wall-mount brackets	No
Din-Rail mount clip	-

Environmental	
Noise emission [db/A]	< 40
Operating temperature [°C]	0 to +40
Storage temperature [°C]	-20 to +70
Operating humidity (non-condensing)	10% to 95%
Certifications & Compliance	
CE emissions	Yes
CE electrical safety	Yes
FCC emissions	Yes
ROHS compliant	Yes
Power & Efficiency	
Power supply type	Single
Power type [AC/DC]	AC
Input rating [Volts]	90-264
Input frequency [Hz]	50-60
Auto sense	n.a.
Wattage / max. power draw [W]	90
Max. power draw (@ 230V) [A]	4
Max. heat dissipation [W]	52
Max. heat dissipation [BTU]	180
Energy efficiency [average]	> 89%

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.

LEDs and Acoustic Signals

Your appliance is equipped with a variety of LEDs and acoustic signals. The front panel of the Barracuda CloudGen Firewall F280 C 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
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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	Installation was completed successfully, appliance is halted for reboot or installation was not yet initialized far enough for LED control.	Appliance is plugged in and is on.
Both Status LEDs front side - GREEN and RED	Off	Installation has not initialized far enough for LED control when installation is started.	-
Status LED front side - GREEN	Steady	Installation was completed successfully, appliance is halted for reboot.	Appliance is up and running.
Status LED front side - GREEN	Blinking	Normal installation.	Appliance is either booting, shutting down, or performing a system update.
Status LED front side - RED	Steady	-	Appliance is halted and may be disconnected.
Status LED front side - RED	Blinking	Error during installation.	An error has appeared preventing the appliance from entering the up state.
Both Status LEDs front side - GREEN and RED	Steady	-	Appliance is in ART mode.
Disc LED front side - YELLOW	Blinking	-	Appliance is reading or writing on storage.
Port LEDs - GREEN/YELLOW	Left blinking	Data transfer - Yellow (10/100 Mbps)	Port in use.
	Right steady	-	Port is on.
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. F280C.front.png
2. F280C.back.png

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