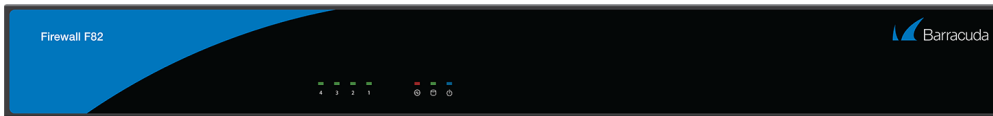


F82 Revision A

<https://campus.barracuda.com/doc/71862275/>

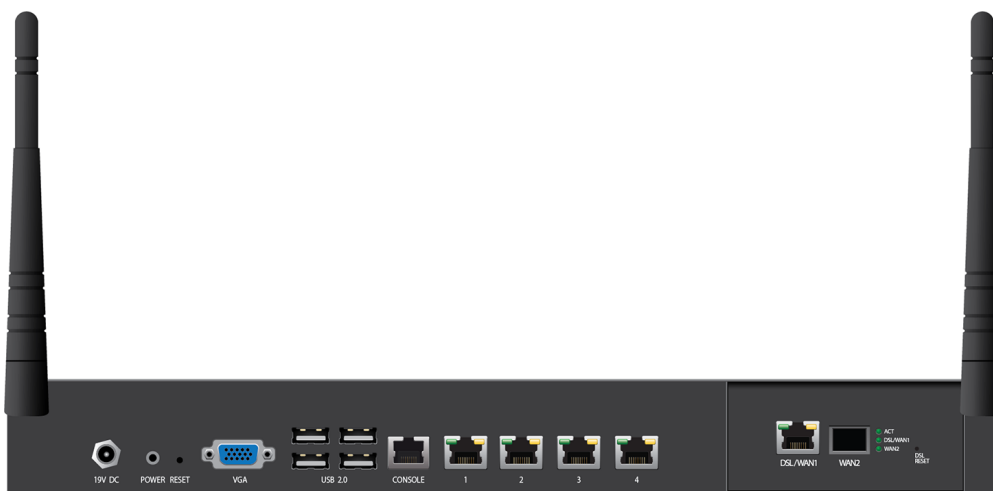
Front Side F82 Annex-A / Annex-B Revision A



Rear Side F82 Annex-A Revision A



Rear Side F82 Annex-B Revision A



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.

Minimum Firmware Requirements

CloudGen Firewall 7.0.2 or later, or 6.2.4 or later

Default Port Configuration

Port Label	OS Notation	Speed/Type (Revision A)	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	
DSL/WAN1 WAN2	dsl1	Annex A: RJ 11 (Annex A) 1 GbE SFP Optical Fiber Annex B/J: RJ45 (Annex B/J) 1 GbE SFP Optical Fiber	

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

Component	Revision A
CPU	Intel Atom Dual Core
System	4 GB
Mass Storage	1 x 50 GB SSD
Flash Disk	-
LCD Module	-
USB	4 x USB 2.0

Form Factor	Desktop
Dimensions (W/D/H)	378/160/44 mm
Net Weight	2.2 kg
Power Supply	Single, external
Power Supply Input Voltage	100 - 240 V, AC
Power Supply Output Voltage	19 V, DC
Power Supply Frequency	50 Hz - 60 Hz
Power Supply Watts	45 W
Storage Temperature	-20 °C to +70 °C
Operation Temperature	0 °C to +35 °C
Relative Humidity	5% - 95%, non-condensing
Certifications	CE, FCC, ROHS
Wi-Fi	802.11 b/g/n or better extended range Wi-Fi adapter

DSL

- Compliant with ITU-T VDSL2 G.993.2
- Compliant with ITU-T G.vectoring
- Auto Fall back to ADSL2/2+
- ANSI T1.413 Issue2
- ITU-T G.992.1 G.dmt
- ITU-T G.992.3 ADSL2 (G.dmt.bis)
- ITU-T G.992.5 ADSL2+
- VDSL Band Plan: 997, 998
- VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
- Annex A, Annex B, Annex M, Annex J
- Bridged (default) or Advanced Mode
- Auto failover WAN1-WAN2

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 alter 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 F82A 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.
xDSL LEDs back side	ACT blinking	-	xDSL modem is active
	DSL/WAN1 steady	-	DSL/WAN1 connected
	WAN2 steady	-	WAN2 connected
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 starting to boot.	

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 a serial cable (RJ45), 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. F82a_Front.png
2. F82DSL.A.back_with_Antenna.png
3. F82DSL.B.back_with_Antenna.png

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