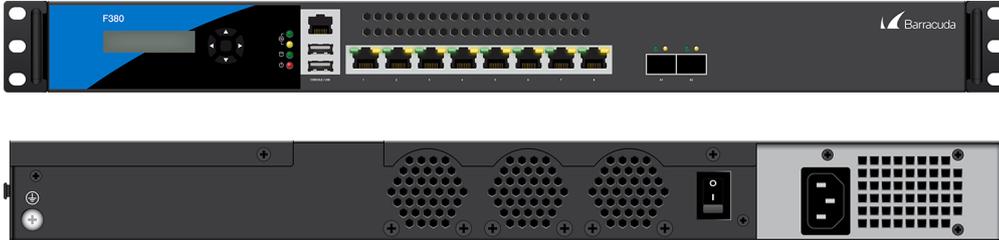


## F380 Revision B

<https://campus.barracuda.com/doc/93880710/>



### 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     |                 |
| 7          | p7          | 10/100/1000 MBit RJ45     |                 |
| 8          | p8          | 10/100/1000 MBit RJ45     |                 |
| 9          | a1          | 10 GbE Optical Fiber SFP+ |                 |
| 10         | a2          | 10 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

#### 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](#)

|                  |
|------------------|
| <b>Interface</b> |
|------------------|

|   |                                 |
|---|---------------------------------|
| RJ45 Ethernet NICs                          | 8 x 1 GbE                       |
| SFP+ 10G Fiber NICs                         | 2 x 10 GbE                      |
| USB 3.0                                     | 2                               |
| Serial console                              | 1 [RJ45]                        |
| <b>System</b>                               |                                 |
| CPU   | Intel Celeron G-Series, 2 cores |
| RAM [GB]                                    | 4                               |
| <b>Mass Storage</b>                         |                                 |
| Type  | SSD                             |
| Size [GB]                                   | 120 GB or higher                |
| <b>Size, Weight, Dimensions</b>             |                                 |
| Appliance weight [kg]                       | 8.4                             |
| Carton weight with appliance [kg]           | 9.4                             |
| Appliance size: width x depth x height [mm] | 440 x 440 x 44                  |
| Carton size: width x depth x height [mm]    | 755 x 555 x 203                 |
| Form factor                                 | 1U Rack Mount                   |
| <b>Hardware</b>                             |                                 |
| Display                                     | Yes                             |
| Cooling                                     | Fan                             |
| Power supply                                | Single, internal                |
| <b>Environmental</b>                        |                                 |
| Noise emission [db/A]                       | N/A                             |
| Operating temperature [°C]                  | 0 to +40                        |
| Storage temperature [°C]                    | -20 to +70                      |
| Operating humidity (non-condensing)         | 10% to 85%                      |
| <b>Certifications &amp; Compliance</b>      |                                 |
| CE emissions                                | Yes                             |
| CE electrical safety                        | Yes                             |
| FCC emissions                               | Yes                             |
| ROHS compliant                              | Yes                             |
| <b>Power &amp; Efficiency</b>               |                                 |
| Power supply                                | Single                          |
| Power supply type                           | Internal                        |
| Power type [AC/DC]                          | AC                              |
| Input rating [Volts]                        | 100-240                         |
| Input frequency [Hz]                        | 50-60                           |

|                               |       |
|-------------------------------|-------|
| Auto sense                    | Yes   |
| Wattage / max. power draw [W] | 174   |
| Max. power draw (@ 120V) [A]  | 12    |
| Max. power draw (@ 230V) [A]  | 6     |
| Max. heat dissipation [W]     | 23    |
| Max. heat dissipation [BTU]   | 77    |
| Energy efficiency [average]   | > 87% |

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. On the front of the Barracuda CloudGen Firewall F380 B are 4 LEDs indicating connected network port link connections, one power LED, and one disc LED. On the back side of the unit is a power button with included LED. 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 - GREEN | Steady        | Please follow instructions on the LCD Display.  | Appliance is plugged in and is on.           |
| Disc LED front side - YELLOW | 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 Installation  |  |

|      |         |  |
|------|---------|--|
| Beep | 1 time  | Unit starts booting  |
| Beep | 3 times | Installation is completed successfully and appliance is halted for reboot. After reboot, one beep indicates booting. |

## 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  |

## LC Display

### Navigating

This security appliance features a key pad with four keys and an LCD panel on the left side of the front panel. These may be used to obtain certain information and to perform certain commands directly on the appliance.

| Keyboard Button          | Command   |
|--------------------------|---|
| Left arrow or Escape key | Navigates back or acts like an Escape key while working in the LCD menu.          |
| Up arrow                 | Navigates up or increases a value.  |
| Down arrow               | Navigates down or decreases a value.  |
| Right or Enter           | Navigates forwards or acts like an Enter key for confirming a configuration step. |

### LCD Display Menu

You may use the LCD display and the keypad to access certain appliance features. Use the up and down keys to navigate through the items of the main menu.

The LCD menu features the following items from top to bottom:

| LCD Menu   | Meaning   |
|--|---|
| Appliance type, OS version and release number                | This is the default display.  |
| IP address and subnet mask                                   | Shows the configured IP address and subnet mask of the appliance.   |
| Time and date  | Shows time and date currently configured on the appliance.  |
| Uptime of Barracuda OS                                       | The uptime in days, hours and minutes.  |
| Serial number of the appliance                               | Unique identifier for the appliance.  |
| Shutdown menu  | Enables you to shut down the appliance.   |
| Reboot menu  | Enables you to reboot the appliance.  |
| Menu to change the management IP address                     | Configure the IP address for the management port.   |
| Menu to boot into <a href="#">ART</a> during the next reboot | <p>Enables you to set a flag that will cause the appliance to boot into <a href="#">ART</a> the next time it is rebooted.</p> <p>Once set, this flag can not be deleted through the menu. When rebooted, the appliance will not start Barracuda OS, but ART instead. You may connect to the appliance by using the serial console or by SSH. A Control Center managed box running in ART mode cannot be managed through the CC, although it will build a connection to the CC signaling its presence.</p> |

## Figures

1. F380B\_FrontRack.png
2. F380B\_Back.png

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