

T600 Revision D

https://campus.barracuda.com/doc/91985552/



Default Port Configuration

Label	OS Notation	Speed/Type	Notes
1	pl	10/100/1000 MBit RJ45	High Availability
2	p2	10/100/1000 MBit RJ45	
3	р3	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	р7	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	1 GbE Optical Fiber SFP	
12	p12	1 GbE Optical Fiber SFP	
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	
17	p17	1 GbE Optical Fiber SFP	
18	p18	1 GbE Optical Fiber SFP	
19	p19	10 GbE Optical Fiber SFP+	
20	p20	10 GbE Optical Fiber SFP+	

The CloudGen WAN hardware appliances ship with a <u>Quick Start Guide</u>. Follow this guide to connect your appliance.



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. <u>Barracuda Networks Appliance Safety Instructions</u>

Interface					
Port Density	 10 x 1 GbE RJ45 Ethernet 8 x 1 GbE SFP 2 x 10 GbE SFP+ 				
USB 2.0	2				
Serial console	1 [RJ45]				
Data Storage					
RAM [GB]	8				
Mass St	orage				
Туре	SSD				
Size [GB]	240 GB or higher				
Size, Weight,	Size, Weight, Dimensions				
Appliance weight [kg]	10				
Carton weight with appliance [kg]	16				
Appliance size: width x depth x height [mm]	440 x 480 x 44				
Carton size: width x depth x height [mm]	650 x 640 x 200				
Form factor	1U Rack Mount				
Hardw	vare				
Display	Yes				
Hardware crypto accelerator	-				
Cooling	Fan				
Power supply	Single, internal (models F600 D.C10 and F600 D.F10), Dual hot swap, internal (models F600 D.C20, F600 D.F20, and F600 D.E20)				
Environmental					
Noise emission [db/A]	N/A				
Operating temperature [°C]	0 to +40				
Storage temperature [°C]	-40 to +75				
Relative humidity (non-condensing / non-operating)	10% to 85%				



Certifications & Compliance				
CE emissions	Yes			
CE electrical safety	Yes			
FCC emissions	Yes			
ROHS compliant	Yes			
Power & Efficiency				
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]	• 300 (dual) C20, F20, E20 • 250 (single) C10, F10			
Max. power draw (@ 230V) [A]	2.6			
Max. heat dissipation [W]	300			
Max. heat dissipation [BTU]	1024			
Energy efficiency [average]	> 80%			

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. One of them is the Status LED. It is labeled either with a heart symbol or the term 'Status'. It indicates the appliance's operational state by changing colors between green and red and by changing between blinking and steady glowing. 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			iteady	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			iteady	Installation was completed successfully, appliance is halted for reboot.	Appliance is up and running.	
Status LED front side - GREEN			linking	Normal installation.	Appliance is either booting, shutting down, or performing a system update.	
Status LED front side - RED		S	iteady	-	Appliance is halted and may be disconnected.	
Status LED front side - RED		В	linking	Error during installation.	An error has appeared preventing the appliance from entering the up state.	
Both Status LEDs front side - GREEN and RED		S	iteady	-	Appliance is in <u>ART</u> mode.	
Disc LED front side - YELLOW		В	linking	Appliance is reading or writing on storage.	Appliance is accessing the internal storage.	
Port LEDs -		Lef blir	t Iking	Data transfer – Yellow (10/100 Mbps)	Port in use.	
GREEN/YELLOW		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 Install	ation		
Веер	1 time		Unit starts booting			
Веер	3 times			lation is completed successfully and appliance is halted for t. After reboot, one beep indicates booting.		

Not all appliances support yellow and/or red LED colors. Depending on the appliance type, the status LED might be on by default and it might take some time during boot and installation to start either blinking or changing the color. Furthermore, the status LED might blink at different frequencies.



Serial Console Port

In order to establish a console connection to the appliance using a serial cable (Revision A: DB9, other revisions: 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 CloudGen WAN 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	Navigates back or acts like an Escape key while working in the LCD menu.
Up	Navigates up or increases a value.
Down	Navigates down or decreases a value.
Right	Navigates forth or acts like an Enter key for confirming a configuration step.
Enter / Check	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 ART during the next reboot	Enables you to set a flag that will cause the appliance to boot into ART the next time it is rebooted. 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.

Barracuda CloudGen WAN



Figures

- 1. T600_front_label.png
- 2. T600.back.png

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.