

## About the Barracuda Web Security Gateway Hardware

<https://campus.barracuda.com/doc/6160393/>

The model illustrations in this article can differ based on release date and may change in the future. If your appliance connections differ from those shown in this article, contact [Barracuda Networks Technical Support](#) for additional information. For power consumption in watts, see [Barracuda Networks Product Power Consumption in Watts](#).

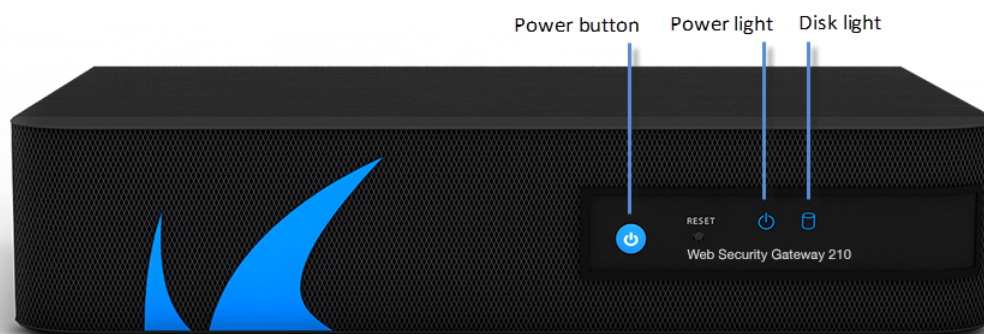
- [Model 210](#)
- [Model 310 and 410](#)
- [Model 610](#)
- [Model 610b](#)
- [Model 810 front panel](#)
- [Model 810 rear panel \(2023\)](#)
- [810B42023](#)
- [Model 910 front panel](#)
- [Model 910 rear panel](#)
- [Model 1010/1011 front panel](#)
- [Model 1010 rear panel \(legacy\)](#)
- [Model 1010 rear panel \(2023\)](#)
- [Model 1011 rear panel \(legacy\)](#)
- [Model 1011 rear panel \(2023\)](#)

## Barracuda Web Security Gateway 210

### Barracuda Web Security Gateway 210 Front Panel

The following figure illustrates the Barracuda Web Security Gateway 210 power and disk activity indicator lights.

Note that the WAN and LAN ports are located on the back of the unit.

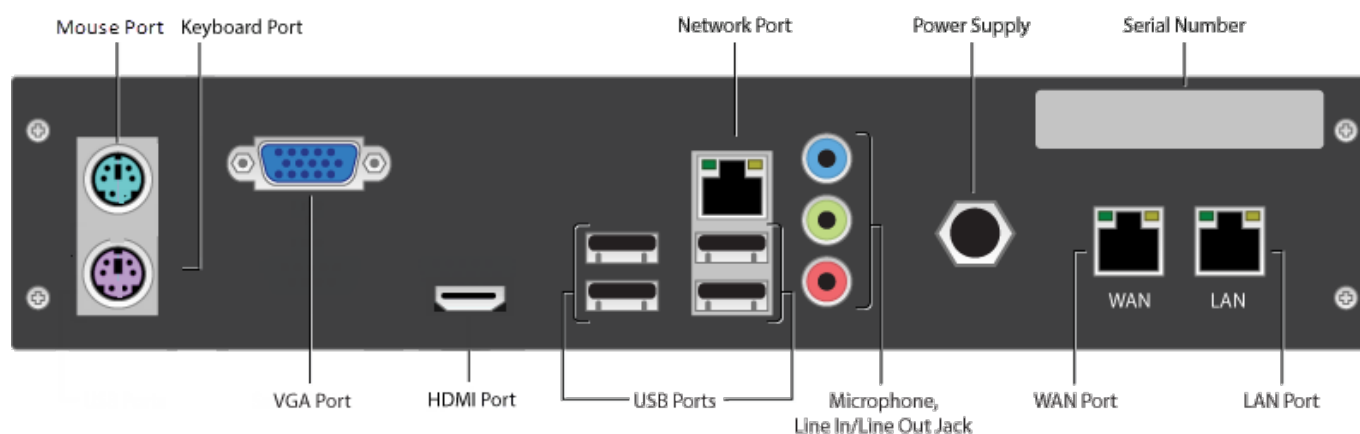


The following table describes the Barracuda Web Security Gateway 210 front panel power and disk activity indicator lights.

Component Name	Description
Power Button	Powers the Barracuda Web Security Gateway on or off
Reset Button	Resets the Barracuda Web Security Gateway
Power Light	Displays solid blue when the power is on.
Disk Light	Displays hard disk activity

#### Barracuda Web Security Gateway 210 Rear Panel

The following image illustrates the Barracuda Web Security Gateway 210 rear panel ports and connectors.



The following table describes the Barracuda Web Security Gateway 210 rear panel ports and connectors.

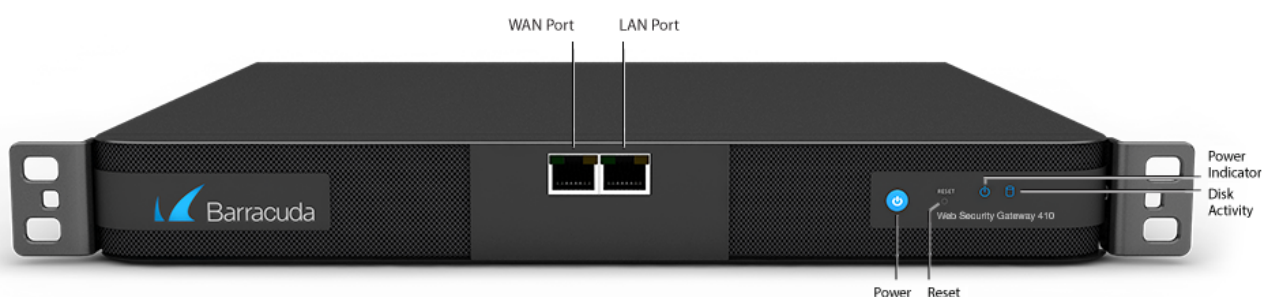
Port/Connector Name	Description
Mouse Port	<i>Optional.</i> PS2 mouse connection

Keyboard Port	<i>Optional</i> . PS2 keyboard connection
VGA Port	<i>Recommended</i> . Video graphics array (VGA) monitor connection
HDMI Port	<i>Optional</i> . HDMI video connection.
USB Ports (4)	<i>Optional</i> . USB device connection
Network Port	Network Port
Microphone	<i>Optional</i> . Microphone line-in connection
Line In/Line Out Jack	<i>Optional</i> . Audio input/output connections
Power Supply	Power supply input
Serial Number	Appliance serial number
WAN/LAN Ports	WAN/LAN ports

## Barracuda Web Security Gateway 310 and 410

### Barracuda Web Security Gateway 310 and 410 Front Panel

The following figure illustrates the Barracuda Web Security Gateway 310 and 410 power and disk activity indicator lights.



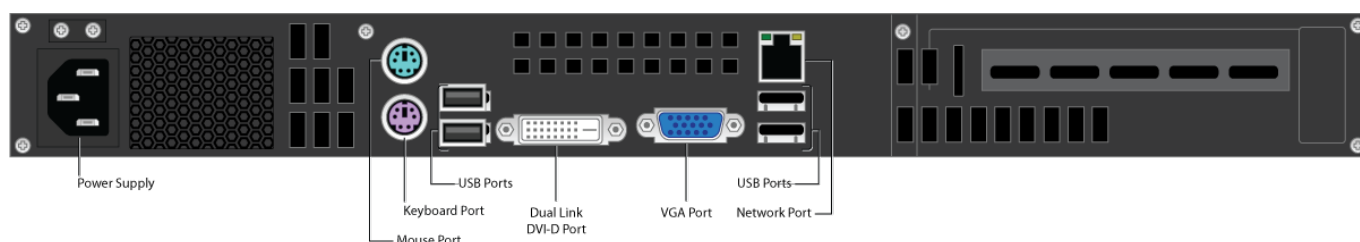
The following table describes the Barracuda Web Security Gateway 310 and 410 power and disk activity indicator lights.

Component Name	Description
WAN port	Port for WAN Connection
LAN port	Port for LAN Connection
Power Button	Powers the Barracuda Web Security Gateway on or off
Reset Button	Resets the Barracuda Web Security Gateway

Power Light	Displays a solid blue when the system is powered on
Disk Activity	Blinks when the Barracuda Web Security Gateway processes traffic

### Barracuda Web Security Gateway 310 and 410 Rear Panel

The following image illustrates the Barracuda Web Security Gateway 310 and 410 rear panel ports and connectors.



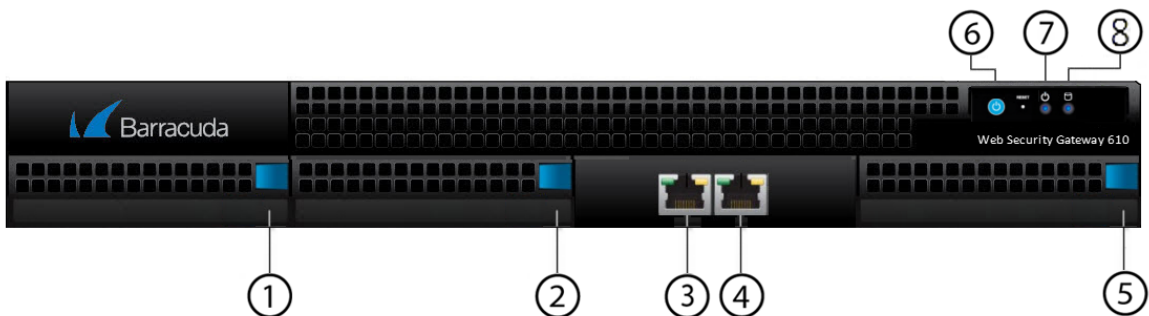
The following table describes the Barracuda Web Security Gateway 310 and 410 rear panel ports and connectors.

Component Name	Description
Power Supply	Connection for the AC power cord, standard
Mouse port	PS2 mouse connection
Keyboard port	PS2 keyboard connection
USB ports (4)	Connection for USB devices
Dual Link DVI-D Port	<i>Optional</i> . Digital monitor connection
VGA Port	<i>Recommended</i> . Video graphics array (VGA) monitor connection.
Network Port	Auxiliary port

### Barracuda Web Security Gateway 610

#### Barracuda Web Security Gateway 610 Front Panel

The following figure illustrates the Barracuda Web Security Gateway 610 WAN/LAN ports and the disk activity and power indicator lights.

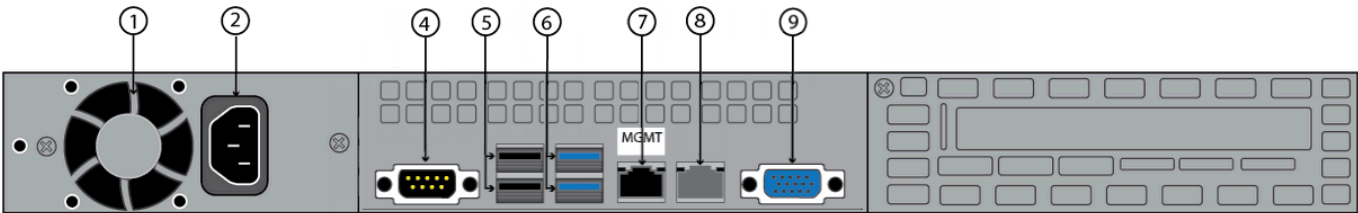


The following table describes the Barracuda Web Security Gateway 610 front panel:

Diagram Location	Component Name	Description
1	Hard Disk Drive	Location of disk drive
2	Hard Disk Drive	Location of disk drive
3	WAN Port	Port for WAN connection
4	LAN Port	Port for LAN connection
5	Hard Disk Drive	Location of disk drive
6	Power Button	Powers the Barracuda Web Security Gateway on or off
7	Power Light	Displays a solid blue when the system is powered on
8	Disk Activity	Blinks when the Barracuda Web Security Gateway processes traffic

**Barracuda Web Security Gateway 610 Rear Panel**

The following image illustrates the Barracuda Web Security Gateway 610 rear panel ports and connectors.



The following table describes the Barracuda Web Security Gateway 610 rear panel ports and connectors.

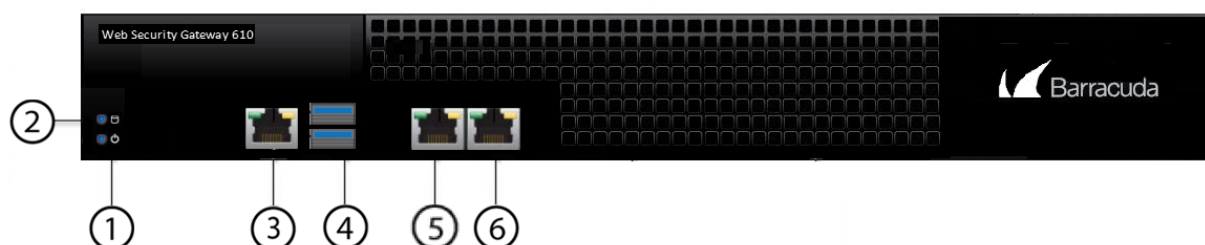
Diagram Location	Component Name	Description
1	Fan	Location of the fan

2	Power supply	Connection for the AC power cord, standard power supply
4	Serial port	Connection for the serial console cable
5	USB ports (2, 2.0)	Connection for USB 2.0 devices
6	USB ports (2, 3.0)	Connection for USB 3.0 devices
7	Auxiliary port	Web interface management
8	Not used	Not used
9	Monitor port	Connection for the monitor

## Barracuda Web Security Gateway 610b

### Barracuda Web Security Gateway 610b Front Panel

The following figure illustrates the Barracuda Web Security Gateway 610b Mgmt, USB, WAN/LAN ports and the disk activity and power indicator lights.

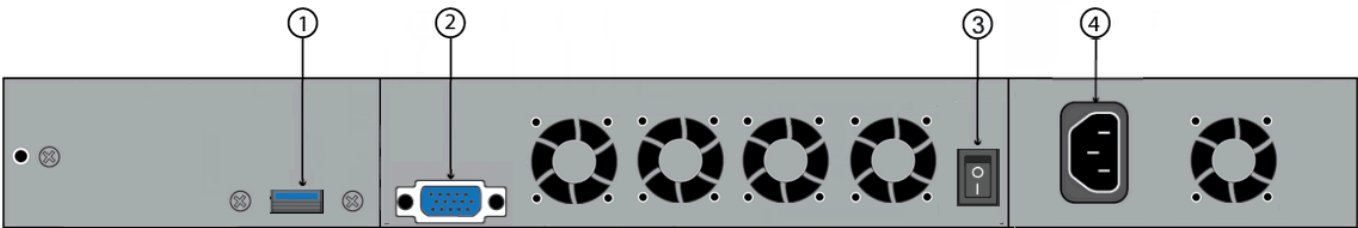


The following table describes the Barracuda Web Security Gateway 610b front panel:

Diagram Location	Component Name	Description
1	Power Light	Displays a solid blue when the system is powered on
2	Disk Activity	Blinks when the Barracuda Web Security Gateway processes traffic
3	Mgmt	Web interface management
4	USB ports	Connection for USB 3.0 devices
5	WAN port	10G NIC for WAN/LAN connection, copper.
6	LAN port	1 0G NIC for WAN/LAN connection, copper.

**Barracuda Web Security Gateway 610b Rear Panel**

The following image illustrates the Barracuda Web Security Gateway 610b rear panel ports and connectors.



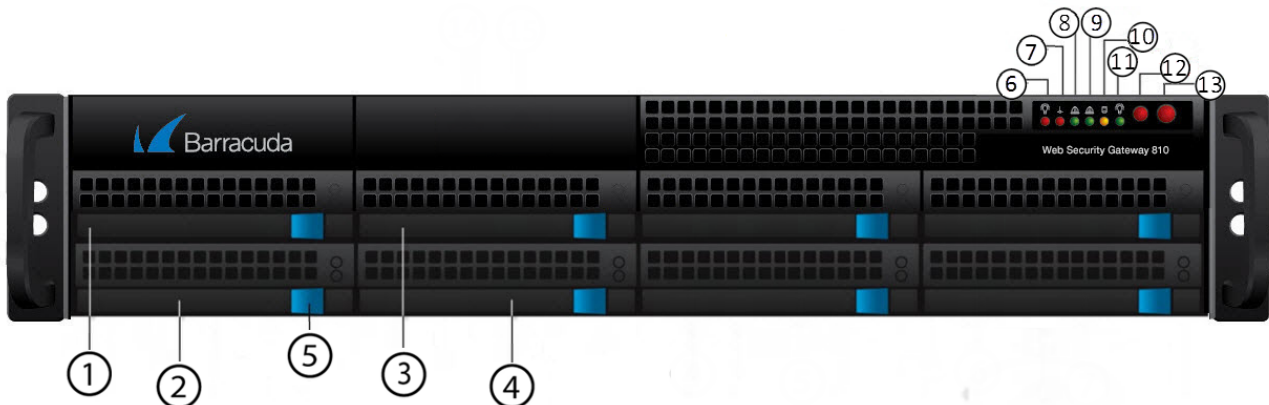
The following table describes the Barracuda Web Security Gateway 610b rear panel ports and connectors.

Diagram Location	Component Name	Description
1	USB port (3.0)	Connection for USB 3.0 devices
2	Monitor port	Connection for the monitor
3	Power switch	Powers the Barracuda Web Security Gateway on or off
4	Power supply	Connection for the AC power cord, standard power supply



**Barracuda Web Security Gateway 810**

**Barracuda Web Security Gateway 810 Front Panel**






The following figure illustrates the Barracuda Web Security Gateway 810 power and disk (RAID) activity indicator lights.



The following table describes the Barracuda Web Security Gateway 810 power and disk activity indicator lights.

Diagram Location	Component Name	Description
1	Hard Disk Drive	Location of disk drive
2	Hard Disk Drive	Location of disk drive
3	Hard Disk Drive	Location of disk drive
4	Hard Disk Drive	Location of disk drive
5	Hard Disk Drive Locks	Each drive has a lock/release button
6	Power failure 	Indicates power supply failure
7	In older units:  Temperature/fan failure	Indicates overheating / fan failure; most likely the power supply fan. A loose connection could trigger the warning light. Try shutting down and reseating both power supply units. If that does not resolve the issue, request a new power supply.



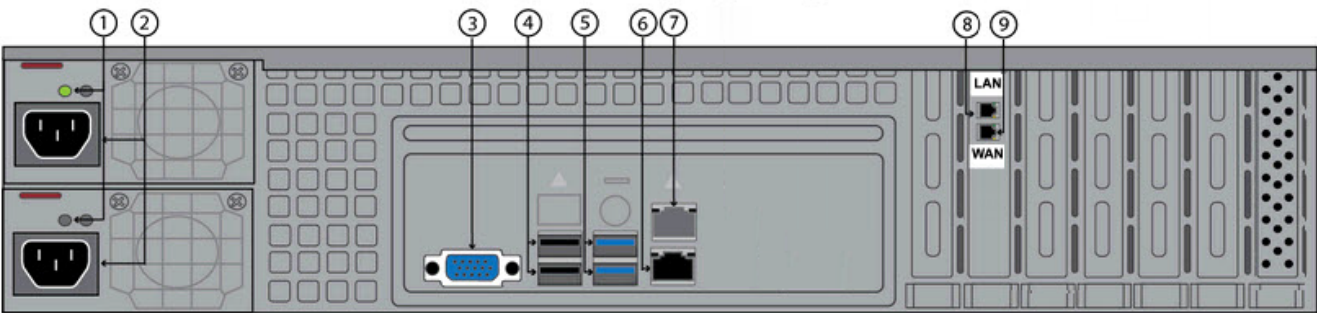
7		<b>Information LED</b>	
		<b>Status</b>	<b>Description</b>
		Continuously on and red	An overheat condition has occurred. (This may be caused by cable congestion.)
		Blinking red (1 Hz)	Fan failure: check for an inoperative fan.
		Blinking red (0.25 Hz)	Power failure: check for an inoperative power supply.
8	In newer units:  Information LED		
		<ul style="list-style-type: none"> <li>Indicates network activity.</li> </ul>	
			
		<ul style="list-style-type: none"> <li>Indicates network activity on AUX port.</li> </ul>	
			
9		<ul style="list-style-type: none"> <li><b>HDD:</b> Indicates hard drive activity when flashing.</li> </ul>	
			
		<ul style="list-style-type: none"> <li><b>Power:</b> Indicates power is being supplied to the system's power supply units. This LED should normally be illuminated when the system is operating.</li> </ul>	
10	Reset button	Resets the Barracuda Web Security Gateway	
11	Power button	Powers the Barracuda Web Security Gateway on or off	

**Barracuda Web Security Gateway 810 Rear Panel (Updated as of January 1, 2023)**

The following image illustrates the Barracuda Web Security Gateway 810 rear panel ports and

connectors. NOTE: This refreshed 810 hardware, available starting from January, 2023, provides 10Gbps throughput and *port bonding is no longer available*. For the legacy 810 rear panel configuration, see below.

See the Link Status section of the **BASIC > Dashboards** page. This section displays LAN, WAN and AUX port connection details where applicable. Hover the mouse over the LAN or WAN icons to see LAN or WAN connection details (MAC address, IP address, throughput).



The following table describes the Barracuda Web Security Gateway 810 rear panel ports and connectors.

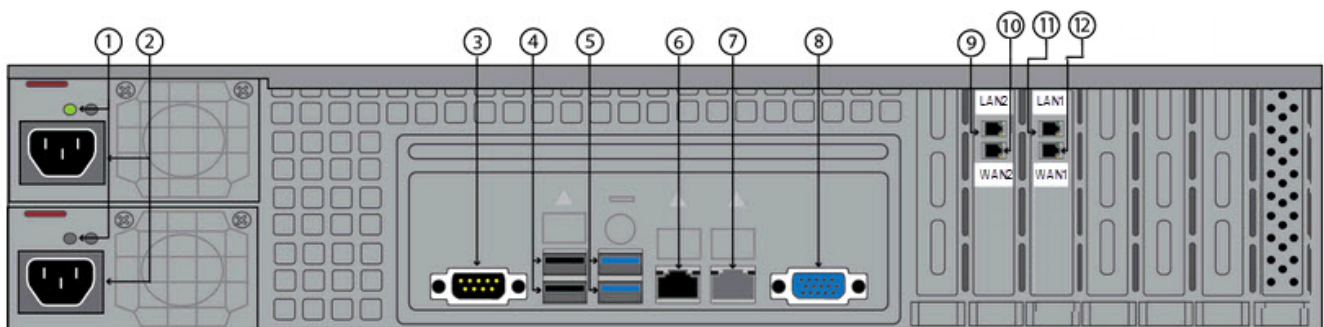
If your Barracuda Web Security Gateway 810 was manufactured after January 1, 2023, then the WAN and LAN ports are not bonded, and each will allow for 10G of traffic throughput. If you have a Barracuda Web Security Gateway 810 that has NIC bonding and is connected to a switch that uses the Spanning-Tree Protocol (STP), you must configure the switch to disable STP packets on the port channel connected to the Barracuda Web Security Gateway.

Diagram Location	Component Name	Description
1	Power Lights	Displays: <ul style="list-style-type: none"><li>• Green light when the system is powered on and the power supply is healthy.</li><li>• Orange/Amber light = The power supply is degraded. For example, one of the two PSUs is not functioning.</li><li>• No light = the power supply is not working.</li></ul>
2	Hot Swappable Power Supplies (2)	Connection for the AC power cord, standard power supply
3	Monitor Port	Connection for the monitor

4	USB ports (2, 2.0)	Connection for USB 2.0 devices
5	USB ports (2, 3.0)	Connection for USB 3.0 devices
6	Auxiliary Port	Web interface management
7	Not used	Not used
8	LAN Port	10G NIC for LAN connection, copper
9	WAN Port	10G NIC for WAN connection, copper

**Barracuda Web Security Gateway 810 Rear Panel (deprecated January 1, 2023, and replaced with the above configuration)**

The following image illustrates the Barracuda Web Security Gateway 810 rear panel ports and connectors for units manufactured **before** January 1, 2023. The pairs of WAN and LAN ports are bonded together to provide up to 2GB of traffic throughput; if it is connected to a switch that uses the Spanning-Tree Protocol (STP), and you must configure the switch to disable STP packets on the port channel connected to the Barracuda Web Security Gateway.



The following table describes the Barracuda Web Security Gateway 810 rear panel ports and connectors *for units manufactured before January 1, 2023*.

Diagram Location	Component Name	Description
1	Power Lights	Displays: <ul style="list-style-type: none"> <li>• Green light when the system is powered on and the power supply is healthy.</li> <li>• Orange/Amber light = The power supply is degraded. For example, one of the two PSUs is not functioning.</li> <li>• No light = the power supply is not working.</li> </ul>
2	Hot Swappable Power Supplies (2)	Connection for the AC power cord, standard power supply
3	Serial Port	Not used

4	USB ports (2, 2.0)	Connection for USB 2.0 devices
5	USB ports (2, 3.0)	Connection for USB 3.0 devices
6	Auxiliary Port	Web interface management
7	Not used	Not used
8	Monitor Port	Connection for the monitor
9	LAN2 Port	1G NIC for LAN connection, copper
10	WAN2 Port	1G NIC for WAN connection, copper
11	LAN1 Port	1G NIC for LAN connection, copper
12	WAN1 Port	1G NIC for WAN connection, copper

## Barracuda Web Security Gateway 910

### Barracuda Web Security Gateway 910 Front Panel

The following figure illustrates the Barracuda Web Security Gateway 910 power and disk (RAID) activity indicator lights.

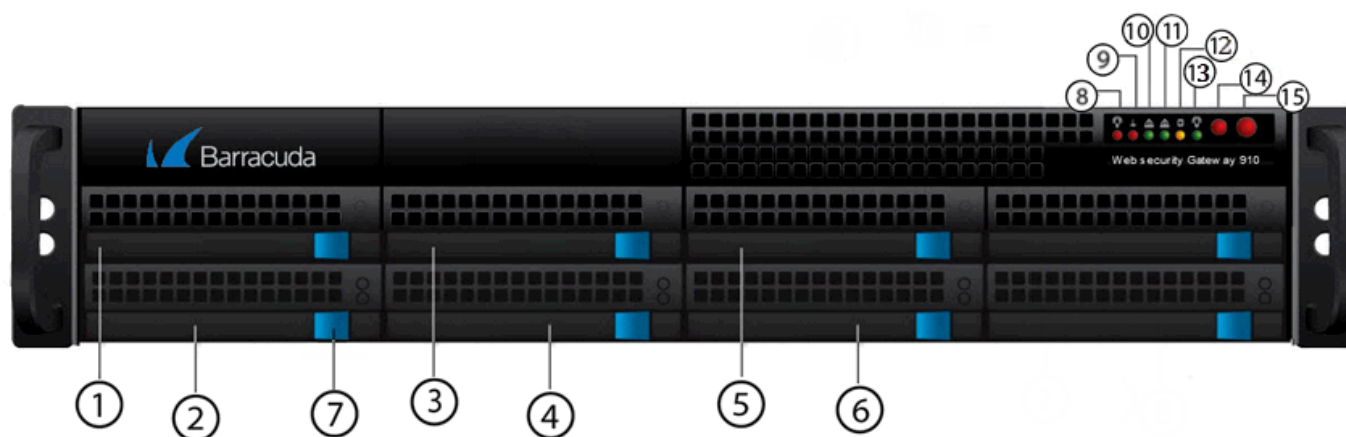









Diagram Location	Component Name	Description
1	Hard Disk Drive	Location of disk drive
2	Hard Disk Drive	Location of disk drive
3	Hard Disk Drive	Location of disk drive
4	Hard Disk Drive	Location of disk drive

5	Hard Disk Drive	Location of disk drive
6	Hard Disk Drive	Location of disk drive
7	Hard disk drive locks	Each drive has a lock/release button
8	Power failure 	Indicates power supply failure
9	In older units:  Temperature/fan failure	Indicates overheating / fan failure; most likely the power supply fan. A loose connection could trigger the warning light. Try shutting down and reseating both power supply units. If that does not resolve the issue, request a new power supply.

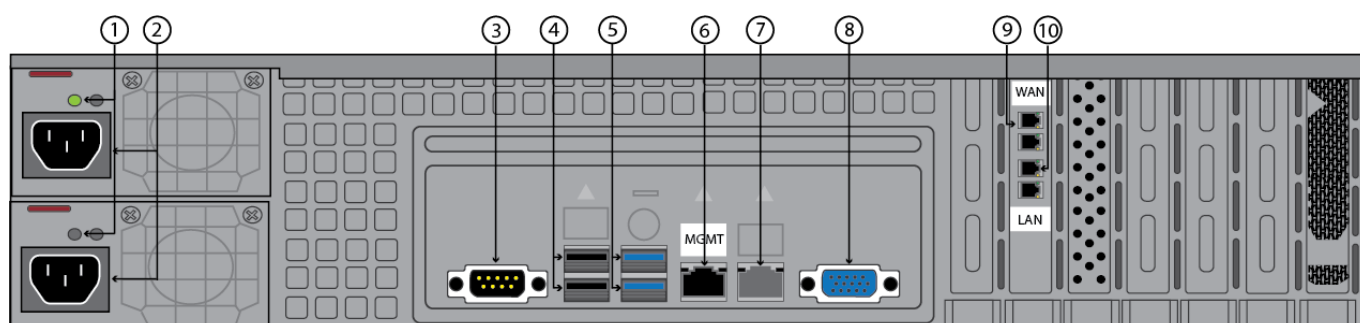
9	In newer units:  Information LED	<table><tr><th colspan="2">Information LED</th></tr><tr><th>Status</th><th>Description</th></tr><tr><td>Continuously on and red</td><td>An overheat ocondition has occurred. (This may be caused by cable congestion.)</td></tr><tr><td>Blinking red (1 Hz)</td><td>Fan failure: check for an inoperative fan.</td></tr><tr><td>Blinking red (0.25 Hz)</td><td>Power failure: check for an inoperative power supply.</td></tr><tr><td>Solid blue</td><td>Local UID has been activated. Use this function to locate the server in a rack environment.</td></tr><tr><td>Blinking blue (300 msec)</td><td>Remote UID has been activated. Use this function to locate the server from a remote location.</td></tr></table>	Information LED		Status	Description	Continuously on and red	An overheat ocondition has occurred. (This may be caused by cable congestion.)	Blinking red (1 Hz)	Fan failure: check for an inoperative fan.	Blinking red (0.25 Hz)	Power failure: check for an inoperative power supply.	Solid blue	Local UID has been activated. Use this function to locate the server in a rack environment.	Blinking blue (300 msec)	Remote UID has been activated. Use this function to locate the server from a remote location.
Information LED																
Status		Description														
Continuously on and red		An overheat ocondition has occurred. (This may be caused by cable congestion.)														
Blinking red (1 Hz)		Fan failure: check for an inoperative fan.														
Blinking red (0.25 Hz)	Power failure: check for an inoperative power supply.															
Solid blue	Local UID has been activated. Use this function to locate the server in a rack environment.															
Blinking blue (300 msec)	Remote UID has been activated. Use this function to locate the server from a remote location.															
10																
11	<ul style="list-style-type: none"><li>Indicates network activity.</li></ul>															
12																
13	<ul style="list-style-type: none"><li>Indicates network activity on AUX port.</li></ul>															
																
	<ul style="list-style-type: none"><li><b>HDD:</b> Indicates hard drive activity when flashing.</li></ul>															
																
	<ul style="list-style-type: none"><li><b>Power:</b> Indicates power is being supplied to the system's power supply units. This LED should normally be illuminated when the system is operating.</li></ul>															
14	Reset button	Resets the Barracuda Web Security Gateway														
15	Power button	Powers the Barracuda Web Security Gateway on or off														

#### Barracuda Web Security Gateway 910 Rear Panel

The following image illustrates the Barracuda Web Security Gateway 910 rear panel ports and

connectors.

Note that the Barracuda Web Security Gateway 910 B model includes 10 GB interfaces. The 910B Barracuda Web Security Gateway appliances equipped with fiber optic network connections utilize fixed SFP modules that require an LC connector.



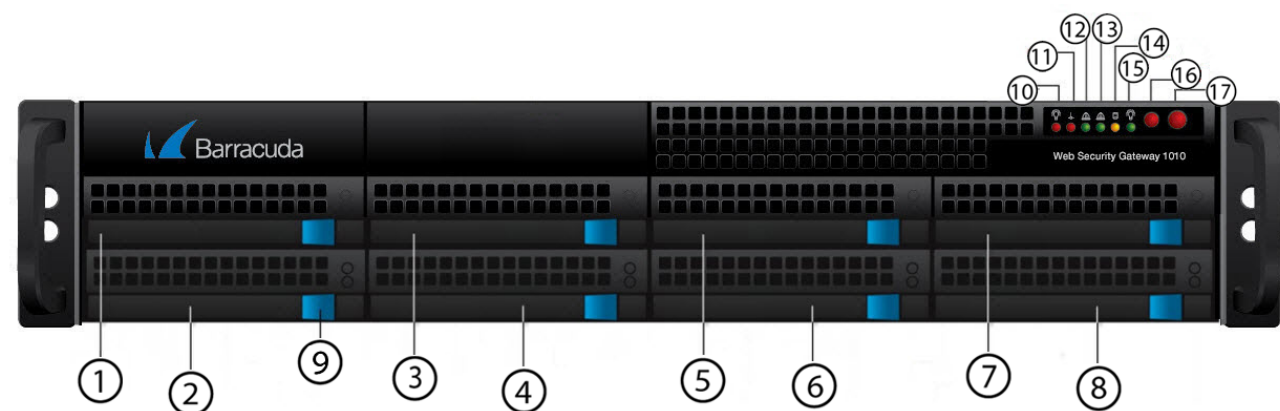
The following table describes the Barracuda Web Security Gateway 910 rear panel ports and connectors. Note: Functionality of the WAN, LAN and AUX port lights vary by vendor and chip maker.

Diagram Location	Component Name	Description
1	Power Lights	Displays: <ul style="list-style-type: none"><li>• Green light when the system is powered on and the power supply is healthy.</li><li>• Orange/Amber light = The power supply is degraded. For example, one of the two PSUs is not functioning.</li><li>• No light = the power supply is not working.</li></ul>
2	Hot Swappable Power Supplies (2)	Connection for the AC power cord, standard power supply
3	Serial Port	Connection for serial console cable
4	USB ports (2, 2.0)	Connection for USB 2.0 devices
5	USB ports (2, 3.0)	Connection for USB 3.0 devices
6	Auxiliary Port	Web interface management
7	Not used	Not used
8	Monitor Port	Connection for the monitor
9	WAN ports	10G NIC is available with both copper and fiber (shown, for optional model 910B).
10	LAN ports	10G NIC is available with both copper and fiber (shown, for optional model 910B).

## Barracuda Web Security Gateway 1010/1011

### Barracuda Web Security Gateway 1010/1011 Front Panel



The following image illustrates the Barracuda Web Security Gateway 1010/1011 front panel and disk activity indicator lights.








The following table describes the Barracuda Web Security Gateway 1010/1011 front panel power and disk activity indicator lights.

Diagram Location	Component Name	Description
1	Hard Disk Drive	Location of disk drive
2	Hard Disk Drive	Location of disk drive
3	Hard Disk Drive	Location of disk drive
4	Hard Disk Drive	Location of disk drive
5	Hard Disk Drive	Location of disk drive
6	Hard Disk Drive	Location of disk drive
7	Hard Disk Drive	Location of disk drive
8	Hard Disk Drive	Location of disk drive
9	Hard Disk Drive Locks	Each drive has a lock/release button



10	Power failure 	Indicates power supply failure
11	In older units:  Temperature/fan failure	Indicates overheating / fan failure; most likely the power supply fan. A loose connection could trigger the warning light. Try shutting down and reseating both power supply units. If that does not resolve the issue, request a new power supply.

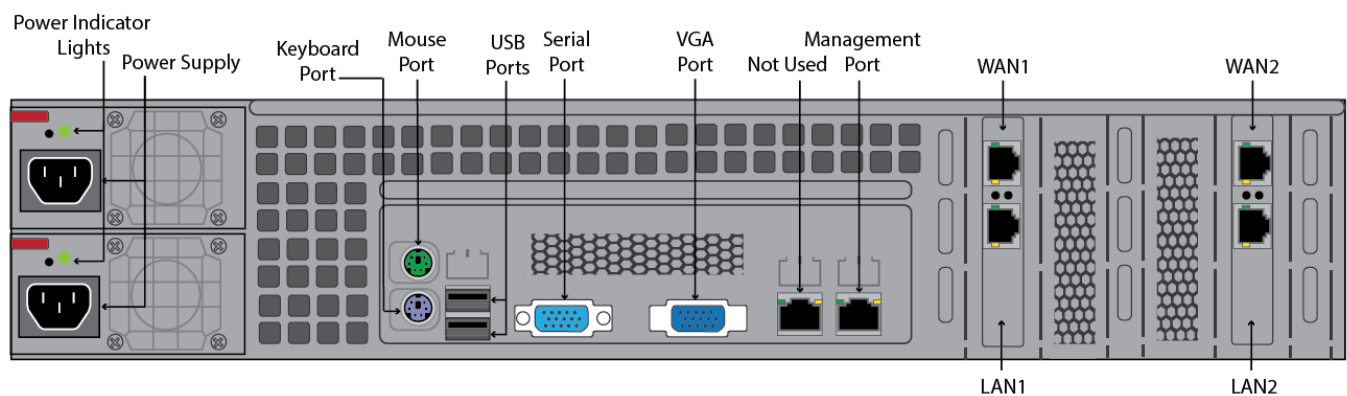
11	In newer units:  Information LED	<table><tr><th colspan="2">Information LED</th></tr><tr><th>Status</th><th>Description</th></tr><tr><td>Continuously on and red</td><td>An overheat ocondition has occurred. (This may be caused by cable congestion.)</td></tr><tr><td>Blinking red (1 Hz)</td><td>Fan failure: check for an inoperative fan.</td></tr><tr><td>Blinking red (0.25 Hz)</td><td>Power failure: check for an inoperative power supply.</td></tr><tr><td>Solid blue</td><td>Local UID has been activated. Use this function to locate the server in a rack environment.</td></tr><tr><td>Blinking blue (300 msec)</td><td>Remote UID has been activated. Use this function to locate the server from a remote location.</td></tr></table>	Information LED		Status	Description	Continuously on and red	An overheat ocondition has occurred. (This may be caused by cable congestion.)	Blinking red (1 Hz)	Fan failure: check for an inoperative fan.	Blinking red (0.25 Hz)	Power failure: check for an inoperative power supply.	Solid blue	Local UID has been activated. Use this function to locate the server in a rack environment.	Blinking blue (300 msec)	Remote UID has been activated. Use this function to locate the server from a remote location.
Information LED																
Status		Description														
Continuously on and red		An overheat ocondition has occurred. (This may be caused by cable congestion.)														
Blinking red (1 Hz)		Fan failure: check for an inoperative fan.														
Blinking red (0.25 Hz)	Power failure: check for an inoperative power supply.															
Solid blue	Local UID has been activated. Use this function to locate the server in a rack environment.															
Blinking blue (300 msec)	Remote UID has been activated. Use this function to locate the server from a remote location.															
12																
13	<ul style="list-style-type: none"><li>Indicates network activity.</li></ul>															
14																
15	<ul style="list-style-type: none"><li>Indicates network activity on AUX port.</li></ul>															
																
	<ul style="list-style-type: none"><li><b>HDD:</b> Indicates hard drive activity when flashing.</li></ul>															
																
	<ul style="list-style-type: none"><li><b>Power:</b> Indicates power is being supplied to the system's power supply units. This LED should normally be illuminated when the system is operating.</li></ul>															
16	Reset button	Resets the Barracuda Web Security Gateway														
17	Power button	Powers the Barracuda Web Security Gateway on or off														

#### Barracuda Web Security Gateway 1010 Rear Panel

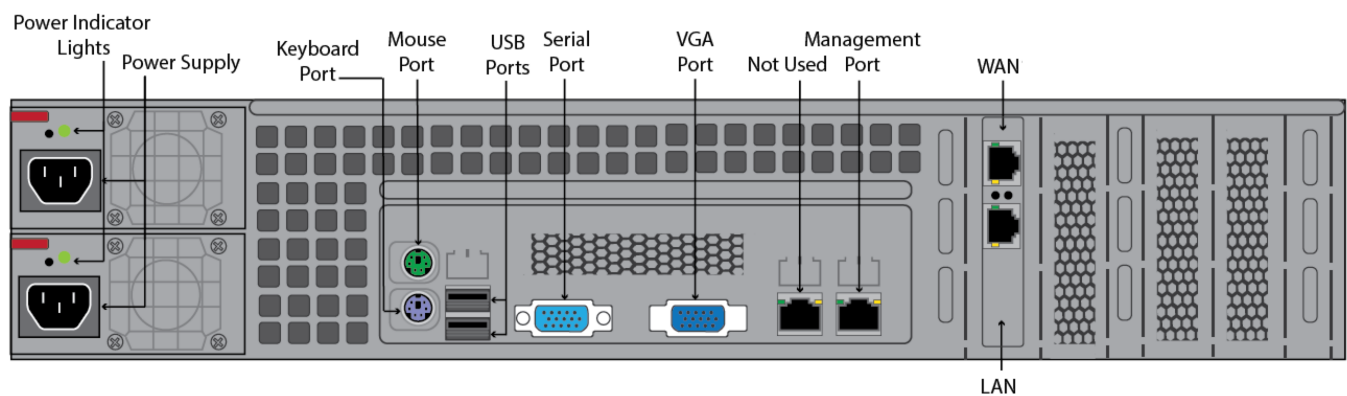
The following image illustrates the Barracuda Web Security Gateway 1010 rear panel ports and

connectors.

Due to hardware bypass capabilities, the 1010 Barracuda Web Security Gateway appliances equipped with fiber optic network connections utilize fixed SFP modules that require an LC connector. Also note that newly manufactured 1 010 units have only *one* pair of NIC ports (WAN and LAN) [as shown below](#).



**Note :** Newly manufactured 1010/1011 units have one pair of NIC ports (WAN and LAN) as shown below.



The following table describes the Barracuda Web Security Gateway 1010 rear panel ports and connectors. **NOTE:** Functionality of the WAN, LAN and AUX port lights vary by vendor.

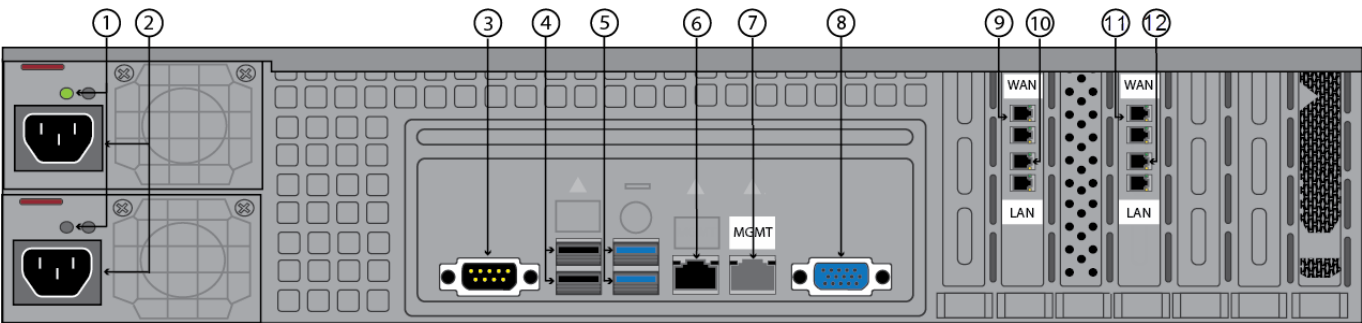
Component Name	Description
Hot Swappable Power Supplies (2)	Connection for the AC power cord, standard power supply

Power Lights	Displays: <ul style="list-style-type: none"><li>• Green light when the system is powered on and the power supply is healthy.</li><li>• Orange/Amber light = The power supply is degraded. For example, one of the two PSUs is not functioning.</li><li>• No light = the power supply is not working.</li></ul>
Mouse port	Connection for the mouse
Keyboard port	Connection for the keyboard
USB ports (2)	Connection for USB devices
Serial port	Connection for the serial console cable
VGA Port	Connection for the monitor
Management Port	Port for web interface management.
WAN	WAN port connection: 10G NIC is available with both copper and fiber.
LAN	LAN port connection: 10G NIC is available with both copper and fiber.

**Barracuda Web Security Gateway 1011 Rear Panel**

The following image illustrates the Barracuda Web Security Gateway 1011 rear panel ports and connectors. **Note:** Also note that newly manufactured 1011 units have only *one* pair of NIC ports (WAN and LAN).

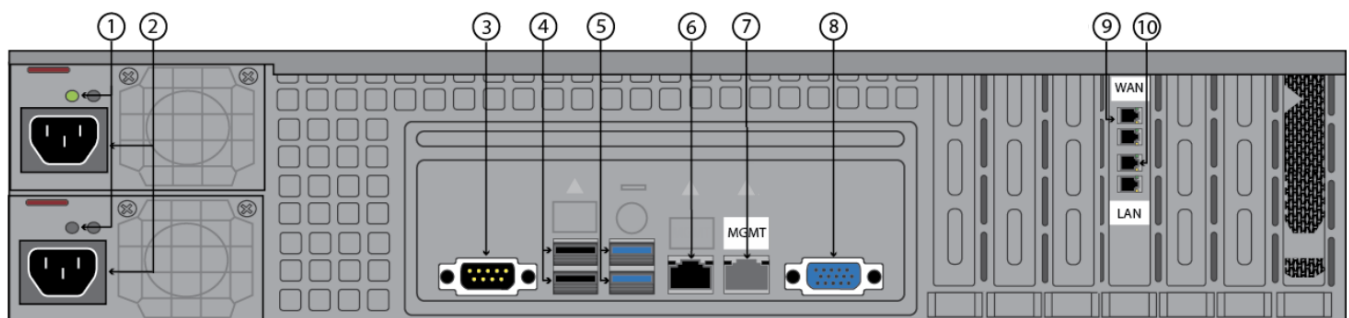
Due to hardware bypass capabilities, the 1011 Barracuda Web Security Gateway appliances equipped with fiber optic network connections utilize fixed SFP modules that require an LC connector.



The following table describes the Barracuda Web Security Gateway 1011 rear panel ports and connectors. **NOTE:** Functionality of the WAN, LAN and AUX port lights vary by vendor.

Diagram Location	Component Name	Description
1	Power Lights	Displays: <ul style="list-style-type: none"> <li>• Green light when the system is powered on and the power supply is healthy.</li> <li>• Orange/Amber light = The power supply is degraded. For example, one of the two PSUs is not functioning.</li> <li>• No light = the power supply is not working.</li> </ul>
2	Hot Swappable Power Supplies (2)	Connection for the AC power cord, standard power supply
3	Serial Port	Connection for the serial console cable
4	USB ports (2)	Connection for USB devices
5	Not used	Not used
6	Not used	Not used
7	Auxiliary Port	Web interface management
8	Monitor Port	Connection for the monitor
9	WAN port	10G NIC is available with both copper and fiber.
10	LAN port	10G NIC is available with both copper and fiber.
11	WAN port	10G NIC is available with both copper and fiber.
12	LAN port	10G NIC is available with both copper and fiber.

Note that newly manufactured 1011 units have only *one* pair of NIC ports (WAN and LAN) as shown below.





## Figures

1. wsg210.png
2. 210\_rear\_panel\_2016.png
3. 310\_410\_front\_panel\_WSG.png
4. 310\_410\_rear\_panel\_diagram.png
5. 610\_front\_panel\_WSG2018.png
6. 610BP\_WSG\_2018.png
7. 610b\_front\_panel\_WSG\_Jan2023.png
8. 610b\_BP\_WSG\_2023.png
9. 810\_front\_panelWSG2019.png
10. PSFailureLight.png
11. Templcon810.png
12. Infolcon810.png
13. InfoLEDTable810Revised2.png
14. 810\_back\_panel\_03\_27\_23.png
15. 810\_back\_panel\_03.19.19.png
16. 910\_front\_panel\_WSG2018.png
17. PSFailureLight.png
18. Templcon810.png
19. Infolcon810.png
20. InfoLEDTable810Revised2.png
21. wsg\_910\_back.png
22. 1010 front panel WSG.png
23. PSFailureLight.png
24. Templcon810.png
25. Infolcon810.png
26. InfoLEDTable810Revised2.png
27. 1010 rear panel 2016-01.png
28. 1010 rear panel 2023WANLAN.png
29. wsg\_1011\_back.png
30. 1011 Rear Panel 2023.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.