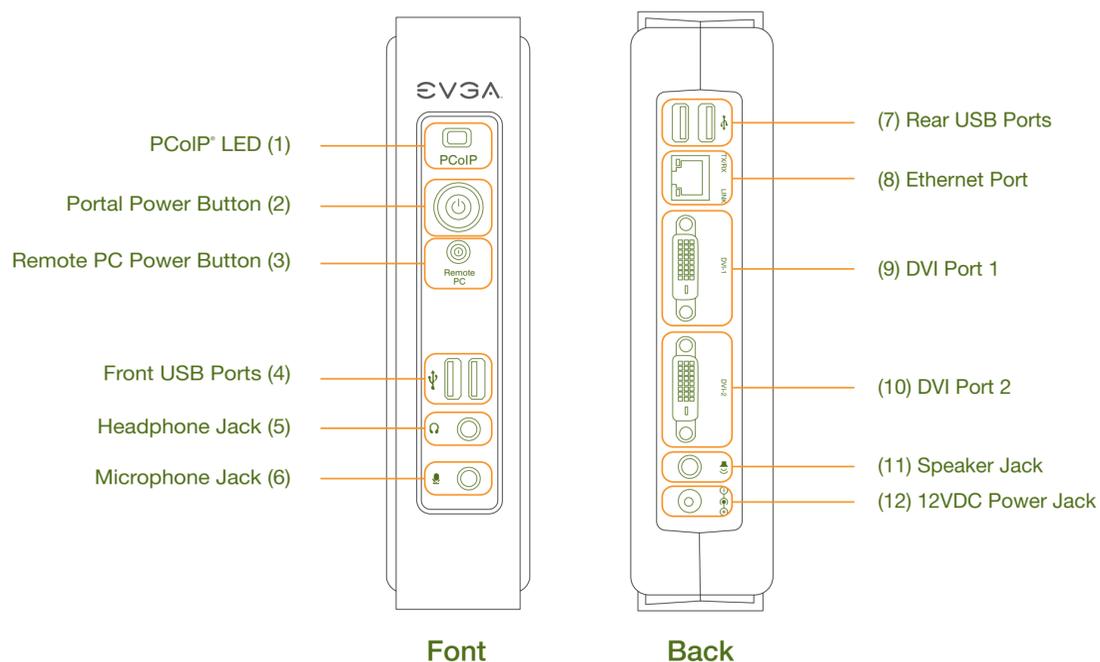
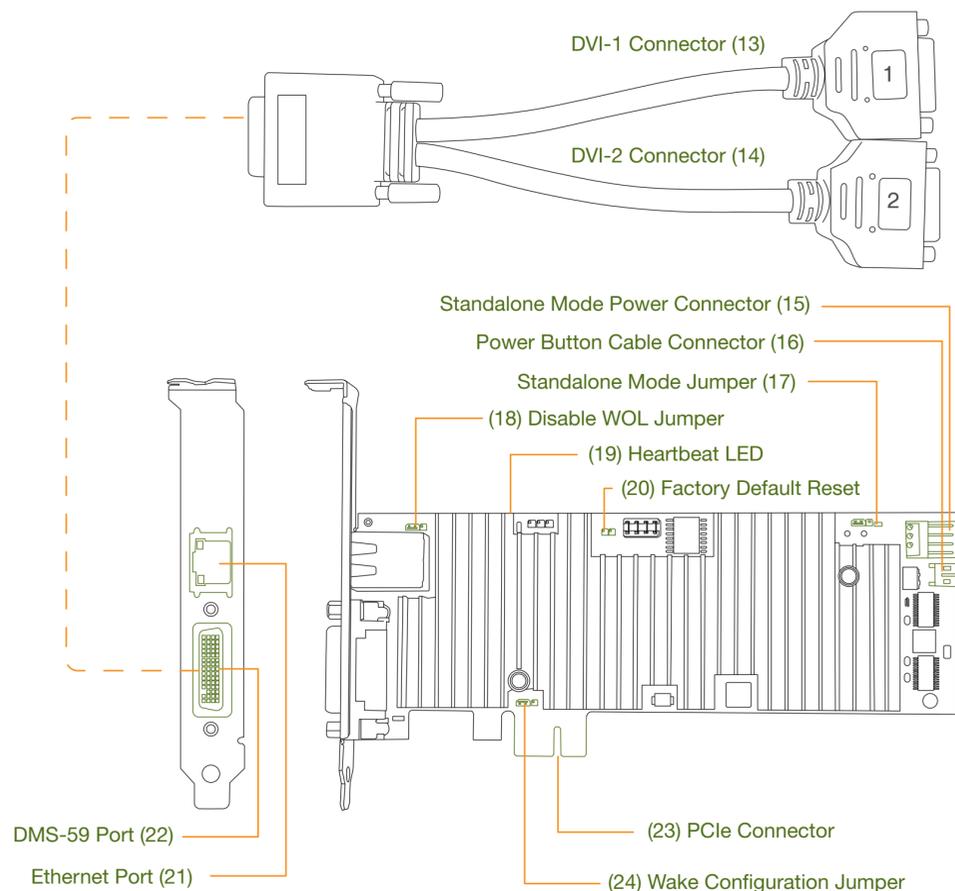


### PD01 PCoIP® Desktop Portal



### HC01 PCoIP® PCI-E Host Card



### Package Contents

PD01 Desktop Portal Package Includes:

- Portal device with stand
- Power adaptor
- Power cord
- Ethernet cable (2m)
- User manual CD
- Quick Visual Guide

HC01 PCIe Host Card Package includes:

- Host card with full height and low profile bracket
- DMS-59 to dual DVI cable (45cm)
- Power Button cable
- Ethernet cable (2m)
- User manual CD
- Quick Visual Guide



### WARNING

1. Always power down and disconnect devices from AC power before handling them. Failure to do this can result in personal injury or equipment damage. Some circuitry on the host PC can continue to operate even though the front panel power switch is off.
2. The Standalone Mode Power Connector on the host card must be disconnected when the host card is operating in PCIe powered mode. Failure to do this can result in damage to the host card.

## 1 PCoIP® Desktop Portal Installation

1. Be sure the monitor and the Portal are turned off and disconnected from AC power.
2. Use a DVI cable to connect the monitor to the Portal's DVI Port 1 (9).
3. Plug the monitor's power cable into an AC outlet and power it on.
4. If you are using dual monitors, repeat Steps 1 through 3 but connect the second monitor to the Portal's DVI Port 2 (10).
5. Connect a USB keyboard and mouse to the Portal's rear USB ports (7).
6. Use an Ethernet cable to connect the Ethernet switch or router to the Portal's Ethernet jack (8).
7. Connect the Portal power supply to the Portal's power jack (12), then plug the Portal power supply into a surge-protected AC outlet.
8. Optionally connect the following devices to the Portal:
  - PC speaker to Speaker jack (11)
  - Headphones and MIC to Headphone (5) and Microphone jacks (6)
  - USB peripherals to auxiliary USB ports (4)
9. Power on the Portal by pushing the power button (2). The power button will light steady green and the monitor will display the On Screen Display (OSD).



### NOTE

If the monitor does not show the On Screen Display (OSD), check all connectors and be sure the monitor and Portal are powered on. Note the LED indicators:

- Off: AC power is off
- Solid yellow: AC power is on and Portal power is off
- Solid green: Portal power is on
- Blinking green: Host PC is in low-power state.

## 2 PCoIP® PCIe Host Card Installation

1. Check the jumpers on the Host card to ensure they are in the correct setting. See Host Card Jumper Settings for details.
2. Be sure the Host PC is turned off and unplugged from AC power.
3. Open the PC's case.

4. Install the Host Card into a free PCIe slot and secure the metal bracket.
5. Connect the DMS-59 to dual DVI cable to the Host Card's DMS-59 connector (22) and connect the DVI-1 connector (13) to the PC's graphics card. If you are using dual monitors, connect the graphics card's second DVI-out port to the DVI-2 connector (14).
6. Use an Ethernet cable to connect the Ethernet switch or router to the Host Card's Ethernet jack (21), then power on the Ethernet switch or router.
7. Close the Host PC's case and plug the Host PC into a surge-protected AC outlet.

### 3 Establishing a PCoIP® Connection

1. Power on the host PC.
2. Wait until the "Connect" button on the Portal On Screen Display (OSD) user screen is active.



3. Use the mouse connected to the Portal to click "Connect" on the OSD screen. The message "Discovering hosts, please wait ..." will appear on the monitor.
4. A list of available Hosts on the network will appear on the OSD.
5. Select the Host Card you wish to connect and click "OK".
6. The Portal's PCoIP® LED (1) will light green, indicating a successful PCoIP® connection.
7. If you are using dual monitors, remember to configure the graphics card for dual-monitor operation.
8. When the Host PC finishes booting, use the Portal as you would a normal desktop PC.



#### NOTE

If the "Connect" button on the Portal OSD is inactive or if the Portal can not discover any Host Cards on the IP network, check the network connection and be sure the Ethernet switch or router is powered on.

#### Additional Notes

##### Monitor types:

In addition to DVI monitors, the Portal is compatible with analog VGA and digital HDMI monitors. Simply attach a DVI-to-VGA or DVI-to-HDMI adapter to the Portal's DVI connector.

##### Audio:

The Portal uses the Realtek High-Definition Audio Codec. Windows Vista natively contains an HD Audio driver for this Codec. For other operating systems, including Windows XP, please install the High-Definition Audio Codec driver from [www.realtek.com](http://www.realtek.com) to use PCoIP System's full audio capabilities.

##### IP Address:

The Portal and Host are set to **DHCP client** mode by default. Normally, the IP address of the Portal and Host are assigned by the DHCP server on your IP network. If your IP network does not have a DHCP server, the Portal and Host Card will fall back to a static IP address mode after a timeout period of approximately 2 minutes. In the fall back static IP address mode, you can access the Portal and Host web interface to disable DHCP client mode and assign a static IP address. The Portal's fall back IP address is **192.168.1.50** and Host's fall back IP address is **192.168.1.100**.

##### Portal Buttons:

The Portal's Power Button (2) is a multi-function button.

- A short push (< 4 seconds) power on the Portal.
- A long push (> 4 seconds) power off the Portal.
- When the Portal is connected in a session, a short push will disconnect it from the Host.

The Portal's Remote PC Power Button (3) is used to remotely control the host PC's front-panel power switch. To enable this function, the PCoIP® Host Card Power Button Cable must be connected as described in Remote Power Management.

- A short push (< 4 seconds) set the host PC to sleep.
- A long push (> 4 seconds) shut down the host PC.

##### Host Card Factory Default Reset:

To reset the Host Card to its factory default configuration:

1. Power off the Host PC and disconnect it from AC power.
2. Insert a jumper to the Factory Default Reset header JP1 (20).
3. Power on the Host Card and wait until the heartbeat LED (19) blinks.
4. Power off the Host PC.
5. Remove the Factory Default Reset jumper JP1

##### Host Card Jumper Settings:

Jumper	Label	Settings
	STANDALONE	1-2: Standalone powered mode. In this mode, the Host Card is powered from the standalone mode power connector J4. <b>2-3: PCIe powered mode (default)</b>
	WAKE CONFIG	1-2: Wake via PCIe slot <b>2-3: Wake via power button (default)</b>
	DISABLE WOL	1-2: Disable wake-on-LAN <b>2-3: Enable wake-on-LAN (default)</b>

#### Remote Power Management

During PCoIP® sessions, you can use the Portal's Remote PC Power Button (3) to change the Host PC's power state. To enable this function, the PCoIP® Host Card Power Button Cable must be connected as described below. This section assumes you have advanced PC hardware experience.

1. Be sure the Host PC is turned off and unplugged from AC power.
2. Open the PC's case.
3. Connect the Power Button Cable to the Host Card cable connector (16).
4. Disconnect the PC's front-panel power button cable from the motherboard. (If the PC uses a single connector for all front-panel buttons and jacks, disconnecting it will disable all these devices.)
5. Connect the other end of the Power Button Cable to the motherboard's power switch header. Be sure to connect the red wire to the power-on pin and the black wire to the ground pin on the PC's motherboard.
6. If possible, connect the PC's front-panel power button cable to the 2-pin header on the Power Button Cable. If this is not possible, the PC's front-panel power button will be disabled.
7. Close the Host PC's case and plug the Host PC into a surge-protected AC outlet.
8. Power up the Host PC using the Portal's Remote PC power button (3). This button can also be used to wake the Host PC from Sleep states.

#### Need More Help?

Please refer to the documents on the Documentation CD for more information.

#### This Product Covered By:

The EVGA 2 Year Warranty upon product registration. For more information visit [www.evga.com/warranty](http://www.evga.com/warranty).

#### EVGA Support: