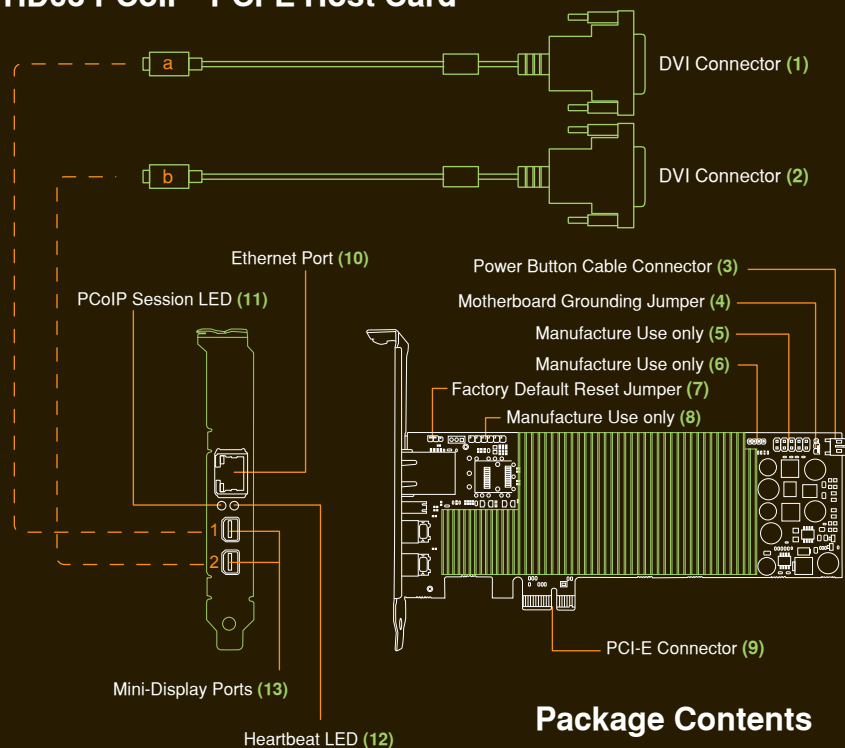


HD03 PCoIP® PCI-E Host Card



Package Contents

- (1) Low Profile Bracket
- (1) Power Button Cable
- (2) Mini-DP to DVI Cables
- (1) LAN Cable
- Visual Guide

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HD03 PCoIP® PCI-E Host Card Visual Guide



WARNING 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.

1 PCoIP® PCI-E 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 PCI-E slot and secure the metal bracket.
5. Connect the Mini Display Port connection to the Host Card's Mini Display Port 1 connector **a** and connect the DVI-D connector (1) to the Workstation PC's graphic card. For dual display configurations, use the second cable included to connect to the Mini Display Port 2 on the EVGA Host Card and connect the DVI-D port to the workstation PC's secondary DVI-D connector.
6. Use an Ethernet cable to connect the Ethernet switch or router to the Host Card's Ethernet jack (10), 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.

2 Establishing a PCoIP Connection

1. Power on the Host PC.
2. Wait until the "Connect" button on the Zero-Client On Screen Display (OSD) user screen is active.



Connect button is inactive



Connect button is active

3. Use the mouse connected to the Zero-Client 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. If you are using dual monitors, remember to configure the graphics card for dual-monitor operation.
7. When the Host PC finishes booting, use the Zero-Client as you would a normal desktop PC.



NOTE If the "Connect" button on the Zero-Client OSD is inactive or if the Zero-Client 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 Zero-Client is compatible with analog VGA and digital HDMI monitors. Simply attach a DVI-to-VGA or DVI-to-HDMI adapter to the Zero-Client's DVI connector.

Audio:

The Zero-Client uses the Realtek High-Definition Audio Codec. Windows® 7 / 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 to use PCoIP® System's full audio capabilities.

IP Address:

The Zero-Client and Host are set to **DHCP client** mode by default. Normally, the IP address of the Zero-Client and Host are assigned by the DHCP server on your IP network. If your IP network does not have a DHCP server, the Zero-Client 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 Zero-Client and Host web interface to disable DHCP client mode and assign a static IP address. The Zero-Client's fall back IP address is **192.168.1.50** and Host's fall back IP address is **192.168.1.100**.

The Zero-Client's Remote PC Power Button** 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) sets the Host PC to sleep.
- A long push (> 4 seconds) shuts down the Host PC.

**Remote power button is only available on Tera1 Zero Clients, all Tera2 devices will show a OSD prompt giving the user options, see Tera2 Power Button configuration for details.

Tera2 Power Button configuration:

When using a Tera2 based Zero Client, the remote feature is built into the Zero Client's Firmware. When pressing the power button on a Tera2 device (No remote button available) you will be prompted with a on-screen display showing 3 options:

1. Disconnect
2. Power off Workstation***
3. Cancel

***If you wish to have the client/workstation powered on simultaneously after shut down, please enable "Wake on USB" in the Zero Client's Power settings(Tera2 Devices only). Once the workstation has been powered off, the light on the Zero Client will flash. Pressing any key on the keyboard will wake both the client and the workstation (last connected) and reconnect back to the workstation PC. Without "Wake on USB" enabled, after pressing the power button will only turn on the Zero Client and the workstation will have to be powered on locally.

Host Card Factory Default Reset: (Updated Pin locations and configuration)

To reset the Host Card to its factory default configuration:

1. Power off the workstation PC and unplug the AC power.
2. Move the jumper on J15 (7) on pins 2 and 3.
2. Power on the host PC/host card and wait until the heartbeat pulse is visible.
3. Power down the workstation PC/Host Card.
4. Move the jumper back to pin 1-2 (7).
5. Power on the workstation PC/Host Card.

Host Card Jumper Settings:

Jumper	Label	Settings
	Factory Default Reset Jumper (7)	1-2: Standard Operation (Default)
		2-3: Factory Default Reset
	Motherboard Grounding Jumper (4)	1-2: Polarity of the power cable is irreverent (Default)
		2-3: Polarity of the power cable must be correct

Please note: Other jumper blocks located on the Host Card are for Manufacture testing only. When the jumper is on pins 2-3, the polarity of the power cable must be correct. With the jumper on pins 1-2 the polarity of the power cable is irrelevant. Different motherboard manufactures make use of this jumper to enable functionality of their power button when the power cable is connected to the motherboard.

Remote Power Management

During PCoIP® sessions, you can use the Zero Client's Remote PC Power Button (Tera1 devices only) to change the workstations PC 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 (3).
 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 Workstation PC using the Zero Client's Remote PC Power button (Tera1 devices only). This button can also be used to wake the Workstation PC from sleep states and power on after shutdown.****
- ****Tera2 devices do not have a physical button for this action. Instead, pressing the power button will display an OSD prompt that will allow you to choose 3 options. Please refer to the Tera2 Power button Configuration section for details.

Need More Help?

Please refer to the digital manual online at www.evga.com/manuals.

This Product Covered By:

This product is covered under EVGA's 3yr warranty which covers parts and labor. For more details on the warranty length and terms of this specific product, please visit www.evga.com/warranty.

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