TERADICI® APEX™ 2800 SERVER OFFLOAD CARD BY EVGA

Teradici APEX 2800 Server Offload Card by EVGA insures the success of VMware® View™ deployments by offloading PCoIP image encoding tasks and reducing server CPU utilization. This empowers IT managers to protect and ensure a consistent, high quality user experience while enabling increased VDI consolidation ratios. Reduce peaks in server CPU utilization and ensure a consistent, high quality user experience. The Teradici APEX 2800 Server Offload Card by EVGA is a perfect addition to VMware® View™ deployments that’s simple to install and setup.

**Simplicity**
- Increased IT efficiency
  - More virtual machines can be added to the same number of servers
  - Decreases overall cost per user
- Simple to setup and install
  - Rendering done by the View virtual graphics drivers
- Offloads PCoIP encoding tasks from CPU
  - Reduces CPU overhead due to VMware Solution
  - No restriction on number of VM’s per Server
  - But only offloads the most active 64 displays

**System Requirements**
- No complex configurations required – simply plug in the card, install the drivers and click to enable hardware acceleration in VMware View.
- Compatible with all existing PCoIP zero clients and VMware View software clients.
- Fully integrated with VMware ESXi 4.1 or ESXi 5.0 and managed by VMware View 4.6 or 5.0
  - ESXi 4.1 or 5.0
  - View 4.6 or 5.0
  - PCIe x8 or x16 slot

**Benefits**
- Increase consolidation ratios
  - High levels of graphic changes with video users results in up to 2x
- Protect and ensure a consistent end-user experience
- Reduces CPU peak utilization by up to 50%
- Dynamically offload the most active 64 displays
- Performance Insurance against these unpredictable peaks

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**SPECs:**
- PCI Express® 1.1 x8
- 2 GB of onboard DDR3 SDRAM with ECC protection
- Single slot card compliant with PCI-SIG PCIe CEM 2.0
- Offloads 64 displays at a maximum resolution of 1920x1200
- Power supplied to card via PCIe interface:
  - 15W typical, 20W maximum
- Temperature: Operational (0° to 55° C)
  - Storage (-20° C to 70° C)
- Humidity: Relative (non-condensing):
  - 10% to 90%
  - Storage: 5% to 95%
- Single slot passive heat sink
- Safety certifications: UL/cUL/C-Tick/FCC/IC/RoHS
- Max 2 Cards per Server

**DIMENSIONS:**
- Length: 6.6in - 167.65mm
- Height: 4.378in – 111.15mm

**PACKAGE CONTENTS:**
- APEX 2800 Card
- Quick Start Guide

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