



# TERADICI® APEX™ 2800 LP SERVER OFFLOAD CARD

The Teradici APEX 2800 LP (low-profile) Server Offload Card distributed by EVGA, an easy to implement, cost-effective 'insurance' for consistent user experience in your VMware View® Deployment. Coupled with Tera2 PCoIP zero clients, the APEX 2800 LP delivers a consistent, state-of-the-art user experience by increasing the number of pixels transferred and frames produced per second by as much as 2X more than software encoding. By offloading image encoding to a hardware encoding card, the APEX 2800 LP reduces peaks in CPU utilization by up to 50% and smoothing overall CPU demand, ensuring a consistent user experience across all users regardless of task and activity level. Constantly monitoring the graphic encoding demands of each display and dynamically offloading up to 100 of the most active displays, the extra headroom can also be used to improve consolidation ratio by up to 1.2X in typical office workloads. The APEX 2800 LP offers low-profile compatibility with a wider range of servers and supporting x4 PCI-E slot configurations.



## Key Features

- Low Profile
- x4, x8, x16 PCI-e Slot Compatible
- Increase scalability by up to 2x
- Offloads PCoIP image encoding tasks from the server CPU
- Protects and ensures a consistently high level of user experience
- Offload up to 100 of the most active displays
- Improved user experience with 2x FPS improvement with Tera2 zero clients

## System Requirements

- Available PCI Express x4, x8 or x16 slot
- VMware ESXi version 4.1 or later
- VMware View 4.6 or later
- Compatible with all existing PCoIP zero clients and VMware View software clients

## Flexibility

- Manage through View Administrator
- 15w max power consumption
- Simple to setup and install
  - ▶ Rendering done by the View virtual graphics driver
- Offloads PCoIP encoding tasks from CPU
  - ▶ Reduces CPU overhead due to VMware solution
  - ▶ No restriction on number of VM's per Server

**TAA Compliant** Part Number: **02G-IP-SC02-KA**

## SPECS:

- PCI Express® gen 2.0 x4
- 2 GB of onboard DDR3 SDRAM with ECC protection
- Single slot card compliant with PCI-SIG PCIe CEM 2.0
- Offloads up to 100 displays
- Power supplied to card via PCIe interface
- 15w max power consumption

- 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: 2.731in - 69.37mm

## PACKAGE CONTENTS:

- Teradici APEX™ 2800 LP Server Offload Card
- Low Profile Bracket
- Quick Start Guide



## PRODUCT WARRANTY

This EVGA product has a 3 year limited warranty upon product registration. For more information please visit: [www.evga.com/warranty](http://www.evga.com/warranty)

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