

**PDSi - Pinnacle Data Systems, Inc.**

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[www.pinnacle.com](http://www.pinnacle.com)**AMC-E24D Dual Display Graphics + Storage Module**

This mid-size AMC offers both high-performance dual display graphics and SATA onboard storage in a single module. Featuring the ATI Radeon™ E2400 graphics controller, the AMC-E24D module supports two independent high-resolution display devices (one digital HDMI and one analog VGA) and features 128 MB of on-chip GDDR3 video memory for fast, high-quality 2D and 3D graphics rendering.

In addition, the module adds enterprise-grade SATA storage to xTCA systems. It carries a 2.5" hard drive (HDD) or solid state drive (SSD) with up to 320 GB capacity for convenient local boot-up and storage. The Port Selector feature converts SAS commands to SATA, allowing the use of SATA drives with compute modules that only support SAS interfaces. This robust module is an excellent I/O expander for AdvancedTCA carriers such as PDSi's ATCA-F1 blade.

**Pinnacle  
Data  
Systems,  
Inc.****FEATURES**

- › ATI Radeon E2400 graphics processor for superior 2D and 3D graphics acceleration
- › 128 MB on-chip GDDR3 video memory
- › Dual independent high-performance display interfaces - HDMI/DVI-D and analog VGA
- › Dual integrated triple 10-bit DACs for dual RGB output
- › Supports analog displays up to QXGA (2048 x 1536)
- › HDMI Connection for 480p, 720p, and 1080i Output
- › 2.5", 9.5 mm SATA drives – Enhanced Availability HDDs up to 320 GB or Intel SSDs up to 160 GB
- › SAS-to-SATA converter allows SATA drives to interface with SAS commands