

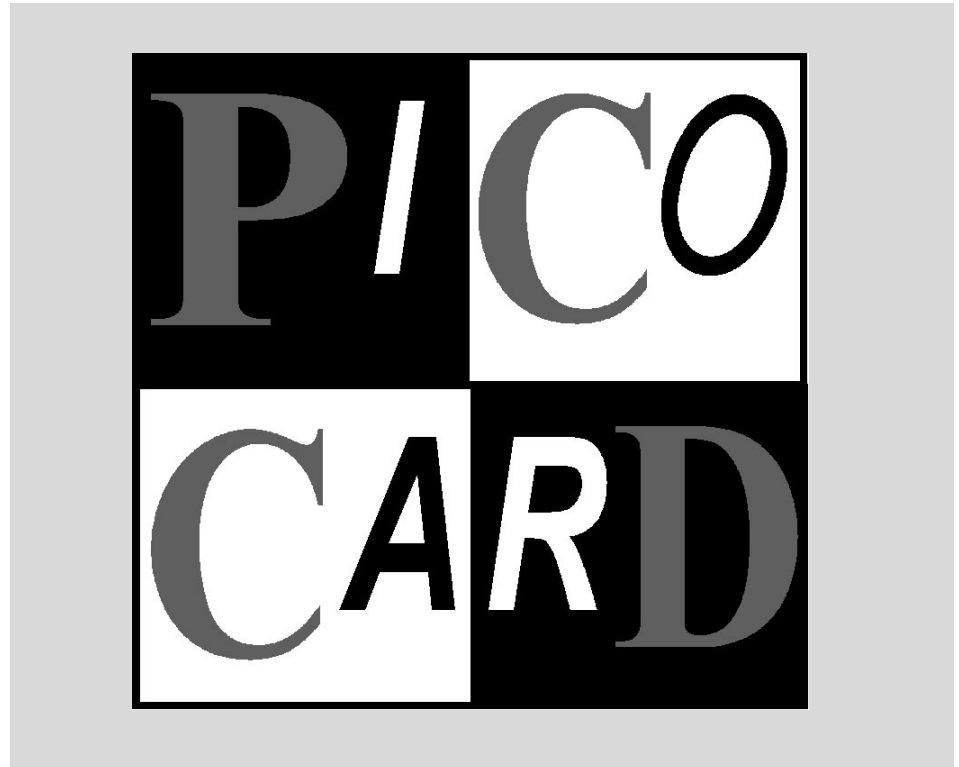
Phoenix PicoCard*

- The First PCMCIA Software Specifically for Information Appliances
- Patent Pending ROM Executable Software Architecture
- Ultra-Low Memory Footprint with Complete Functionality
- Supports Hundreds of Cards
- Flexible Super Client Driver
- Robust Power Management
- Boot from SRAM, ATA, or the New FTL FLASH Cards
- Available for DOS, Windows*, and Now Geoworks GEOS!
- Complete Kit and Technology Guides
- Platform Verification Service

Memory Saving Architecture: Phoenix PicoCard provides complete PCMCIA compatibility in system with even less than 1 Mb of RAM. It accomplishes this through a patent pending innovative ROM-executable paging architecture that copies PCMCIA software functions from ROM to RAM dynamically as they are needed. This reduces the memory footprint of a complete and compliant PCMCIA software solution to less than a third of traditional PCMCIA software. In systems with greater than 1 Mb of RAM, PicoCard can also use DPMS (DOS Protected Mode Services) to map key PCMCIA functions above 1 Mb. In this case the software memory footprint is also reduced by more than a third of traditional PCMCIA software.

Robust Power Management: Phoenix PicoCard provides a variety of levels of automatic power conservation that minimizes power drain and maximizes system capabilities. PicoCard is APM (Advanced Power Management) aware, and can send instructions to PC Card client drivers to intelligently go into different power levels, depending on user activity.

Flexible FLASH Card Support: Phoenix PicoCard fully supports a wide variety of FLASH cards in the market with an FTL



system provided by M-Systems. By incorporating M-Systems TrueFFS file system into PicoCard, and leveraging Phoenix's MTD library for FLASH card types, PicoCard can enable maximum flexibility FLASH. PicoCard even has the ability to boot from an FTL FLASH card by dynamically detecting the card type during POST and loading the OS from the FTL formatted card.

Complete Kit and Technology Guides: Phoenix PicoCard comes with a comprehensive Programming Guide and User Guide to clearly explain to OEM engineers how to integrate PicoCard into their system and how to get the PCMCIA functionality they need on their platform.

Platform Verification Service: To help speed deployment of systems using Phoenix PicoCard, PicoCard provides a Platform Verification Service to OEMs.

PROCESSORS SUPPORTED:
Intel386™ SL processor

AVAILABILITY:
Now

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