

# P - S E R I E S



## Model: P10-A010

### Key Features

- Compact Thin Client Design
- Small Form Factor Offers Space Saving Advantage
- VIA® Eden V4, 1 Ghz CPU
- VIA® CN700 Chipset
- Supports up to 1 GB DDR2
- Maximum 8 GB Flash Storage Memory
- Built-In Dual Video Support
- 16 Bit Stereo FM Audio
- Six High-Speed USB 2.0 Ports (2 Front, 4 Rear)
- Built-in Optical Drive (Slot Load or Tray Load)
- Built-In Smart Card Reader Option Available
- Built-In Wireless Option Available
- VESA-Mount Option Available
- CE/UL/FCC Compliant

The P-Series is a powerful tour de force, a feature-packed yet affordable thin computing device that is one of the fastest in industry. Powered by the VIA Eden V4 1 GHz CPU and CN700 chipset, P-Series provides outstanding performance for mainstream digital media and productivity applications. With dual video support (VGA & DVI) as a standard feature, P-Series enables users to extend their desktop workspace. The P-Series' performance and add-on options allows it to be used as the desktop replacement device for Streaming OS solutions, yet its fanless design reduces the heat, noise and power consumption traditionally associated with desktop PCs. The P-Series has both USB and PS2 ports for government agencies that need to use multiple P-Series devices with an approved KVM switch. The P-Series also offers both vertical and horizontal profiles. If you are looking for a powerful thin computing device with versatile I/O support, the NCS P-Series is the optimal choice.



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# P-Series

## Processor

VIA® Eden V4 CPU 1 Ghz (fanless cooling design)

## Chipset

VIA® CN700

## System Memory (Single Slot)

Supports DDR2 667 MHz SDRAM (up to 1 GB)

Minimum 128 MB / 256 MB for Linux

Minimum 512 MB for XPe (expandable to 1 GB)

## Integrated Flash Storage

128 MB Flash Memory Module for Linux

1 GB Flash Memory Module for XPe (Expandable to 8GB)

## Device Management

RM: Remote Management Software

## Integrated Audio

AC97 2.0 Codec Compatible

Output: 1/8-inch Full 16 bit Stereo FM Synthesis

Input: 1/8 inch bit Mini Microphone

## Integrated LAN

RealTek 8100C+ 10/100 Mbps, One RJ-45 Connector

Optional Internal USB 802.11b/g Wireless Lan

## Integrated Video

CN700 with Integrated AGP 8x Graphics Core

VGA Controller CRT/DVI-D Both Supported (Dual Screen)

Analog VGA Video Output (DB-15)

Digital Video Output Only (via the DVI Port)

Shared System Memory 16 MB to 64 MB

Supports Resolutions of:

1600x1200 32-bit true color, 85 Hz (CE)

1600x1200 16-bit high color, 75 Hz (Linux)

1600x1200 32-bit true color, 85 Hz (XPe)

1280x1024 32-bit true color, up to 85 Hz (XPe,CE, Linux)

1024x768 32-bit true color, up to 85 Hz (XPe,CE, Linux)

800x600 32-bit true color, up to 85 Hz (XPe,CE, Linux)

640x480 32-bit true color, up to 85 Hz (XPe,CE, Linux)

(Linux only supports up to 24-bit true color)

## Integrated Super I/O

One PS/2 Keyboard Port and One PS/2 Mouse Port

Six USB 2.0 ports (two at front, four at back)

One Serial Port and One Parallel Port

Two SATA Connectors

Built-In Smart Card Reader

## Expansion Slots

One PCI Slot (32-bit) Accessed via a PCI Riser Card

## Integrated IDE

Two IDE connectors Supporting Two IDE devices

Supports ATA-33/66/100/133 IDE Devices (2.5" HDD or DOM)

## Bus Architecture

32-bit PCI

## Dimensions (d) x (w) x (h) mm/inch

248 x 216 x 73 / 9.75 x 8.5 x 2.875

## Environmental

Operating Temperature 0° to 40° C / 32° to 104° F

Storage Temperature -40° to 60° C / -40° to 140° F

Relative Humidity 10-90% Non-Condensing RH

Operating Altitude Range from 0-3050 m (0-1000 feet)

## Power Requirements

External AC Adaptor Provided 100-240 VAC, 50-60 Hz 1.7 A

DC Power Requirements: 12V, 5A (External Power Adaptor)

## Software

O/S Options: XPe SP2, XP Pro and Linux Kernel 2.4.31

XP Embedded

MS RDP, Citrix ICA

Microsoft Internet Explorer 6.0

Windows Media Player 6.4, Macromedia Flash Player 7.0, MSJVM,

EFW Support, Ramdisk, USB Printer Support,

Modem Support Map Network Storage Function PNAgent 8.1, TCP/IP Utilities

USB Devices Support (supports USB Floppy, CD-ROM, HDD), USB Audio Support,

System Recovery, VNC

XP Pro

Must Use HDD

Linux Embedded (Kernel Version 2.4.31)

MS RDP 1.4.1, Citrix ICA 9.0, X11 (XD MCP)

Firefox 1.07, VNC Viewer, Samba Print

Browser Plug-in: Sun Java 1.4.2

Macromedia Flash Player 7.0, Acrobat PDF Reader 5.09 (128 MB only)

Real Player 10.0 (128 MB only)

NX Client, SSH, Tarantella, K-Phone (128 MB only),

TCP/IP with DNS, DHCP

Password-Protected Setup

Compressed Read-Only File System

Samba/NFS File System Support

LPR/LPD Ghostscript Print Support, Thin Print Support

USB External Storage Support & Sharing

Desktop Mode

Terminal Emulation (Optional for XPe)

ASCII/ANSI Emulation

SCO Console ANSI

DEC VT420/320/220/100/52

Wyse 325/120/60/50+

TV1 925/910, ADDS A2

IBM Emulation

TN5250(E), TN 3270(E)

Setup and Configuration

Local Power-on Boot, Simple Start-up Wizard, Configurable Automatic Login,

Multi-language Keyboard Support, Multiple Auto-Startup, Reconnection

RMS Management

FTP Update, Wake on LAN, Remote Shutdown, Schedule (wake up, shut down,

reboot, FTP update), Remote Configuration, Config Data Distribution,

XPe Recover and Backup, Grouping, VNC and much more.

## Regulatory & Product Certifications

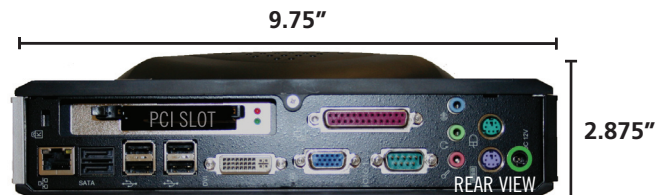
EMI/RFI: FCC Declaration of Conformity (DoC)

Safety: Underwriter Laboratories (UL) 60950, 3rd Edition, CE

## Options

Internal Wireless, Metal Mounting Kit (VESA Standard), Smart Card

Reader, FiberNic, Internal HDD and other PCI Expansion Options



SPEC-PSERIES-14-050608

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