

BPC-500-1525

400MHz Celeron with one SODIMM Socket up to 512MB, CRT, Audio and Fast Ethernet

ETX Solution inside



Features



- ★ Cableless Design
- ★ ETX Modularized System Design
- ★ Embedded Fanless and Ultra Low Power CPU
- ★ One CompactFlash Type I/II Support
- ★ One Mini PCI Socket Support

Specifications

System Board

- **CPU:** Embedded Intel Low Ultra Power Celeron 400MHz CPU, 100MHz FSB
- VIA8606 integrated savage4 2D/3D video accelerator, 4xAGP and 128-bit engine
- **Display memory:** 8/16/32MB shared memory
- **System Memory:** 1 x 144-pin SODIMM socket (max. 512MB SDRAM)
- **Chipset:** VIA VT8606 chipset with VT82C686B
- **Ethernet:** Realtek 8100BL, 10/100Mbps, wake-on-LAN supported
- **Audio:** VT82C686B, AC'97 Ver.2.2 compliance

External I/O

BPC-500-1525-A

- Parallel Port: SPP, EPP, ECP modes
- 1 x VGA
- USB: 4 x USB ports
- Serial Ports: 1 x RS-232C COM Port, 1 x RS-232C/422/485 port
- 1 x RJ45, 1x PS2 K/B, 1x PS2 Mouse
- 1 x mini-PCI and 1 x PCI slot
- 1 x TV-out -1 x Audio (Line in, Line out, Mic)

BPC-500-1525-C

- Serial Ports: 1 x RS-232C
- 3 x RJ45
- USB: 2 x ports
- **Storage:**
 - 1 x 2.5" hard disk
 - 1 x DiskOnChip socket
 - 1 x Compact Flash socket

Power Adaptor

- **AC Power Input:** 85~264V / 47~63Hz 1.5A max.; 12V@ >3Am
- **DC Power Output:** V1: +5 Vdc +/- 5% @6A max. Load
V2: +12 Vdc +/- 10% @2A max. Load, 50Watt.

Mechanical & Environment

- **Operating Temperature:** 0 ~ 40°C
- **Storage Temperature:** -20 ~ 75°C
- **Dimension (W x H x D):** 270 x 72 x 232mm (10.6" x 2.8" x 9.1")
- **Weight:** 2.0kg (4.4 lb)
- **Mounting:** Wallmount or Desktop

Applications

- Web Enabler for Industrial Automation
- Firewall, E-server for VPN
- Home Web Appliance, Smart Router
- Web-based Controller, Remote boot-up & Management System

OEM Options

- **ETX CPU Modules:** EmETX-v601, EmETX-t603
- **Default ETX CPU Module:** EmETX-i602/C400

Ordering Information

BPC-500-1525-A

BPC with PBE-1525/with 1 x LAN with AC-DC adaptor & DC-DC converter

BPC-500-1525-C

BPC with PBE-1525/with 3 x LAN with AC-DC adaptor & DC-DC converter

PAD-SPD-050-D1

AC power adaptor 12V@2A; 5V@6A

Dimension Diagram

