PVS-1A10

75mm

222mm

160mm

intel inside

FEATURES

- Intel® Atom™ processor Z510/Z530 and System Controller Hub US15W
- One 200-pin SO-DIMM supports DDR2 SDRAM up to 2GB
- Versatile interfaces for storage such as SD, Compact Flash (II) and 2.5"HDD
- One expansion slot in PCI-E x1 interface
- Compact, fan-less design and mini size is good for mission-critical application

PVS-1A10 brings advantage of the latest Intel® Atom™ platform with high performance but low power. This system with 1 expansion slot and can be used with a capture card in PCI-E x1 interface for general and mobile DSS applications. Robust,

fan-less, compact and mini size are perfect for Medical, Gaming, Kiosk and DSS applications. In addition, stylish ID design makes the system friendly and easy for operation.
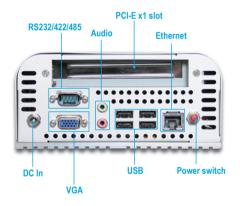
SYSTEM

CPU	Intel® Atom™ 2 processor Z510 / Z530
FSB	400/533 MHz
BIOS	AMI BIOS
System Chipset	Intel® System Controller Hub US15W integrated GMA 500 Graphics
System Memory	One 200-pin SO-DIMM support DDR2 400/533 up to 2GB
Storage	- 1 x 44 pin IDE 2.5" HDD - 1 x CF - 1 x SD
Expansion	One PCI-Express x1 slot
Watchdog Timer	Programmable via S/W from 1sec. to 255min.
H/W Status Monitor	- Temperature (CPU and System) - Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V)

REAR PANEL

Serial Port	1 x RS232/422/485 port
Display	1 x VGA
Gigabit Ethernet	1 x RJ-45 LAN port
USB	4 x USB 2.0 ports
Audio Interface	Line-out and Mic-in

Power Supply Unit

Power Input	DC 12V
Adaptor	AC 100~240V

MECHANICAL & ENVIRONMENTAL

Operation Temperature	0~45°C
Storage Temperature	-20~80°C
Relative Humidity	5~95% non-condensing
Dimension (WxDxH)	160x222x75 mm; 6.3"x8.74"x2.95"
Weight	1 kg

REAR I/O

RS232/422/485   Audio   PCI-E x1 slot   Ethernet

DC In   VGA   USB   Power switch

ORDERING GUIDE

- **PVS-1A10-1100**
  System with NANO-8044 (Atom™ Z510 1.1GHz) + 2GB DDR2 + 120GB HDD
- **PVS-1A10-1600**
  System with NANO-8044 (Atom™ Z530 1.6GHz) + 2GB DDR2 + 120GB HDD