

# PVS-4430

4U rackmount 12 PCI slot  
DVR hardware platform

## FEATURE

- ◆ Industrial grade system platform
- ◆ 19" 4U rack-mount chassis 482x461x177mm
- ◆ Intel® Pentium® 4 up to 3.06 GHz / Celeron® up to 2.8 GHz
- ◆ Intel 845GV integrated graphics with up to 64 MB shared DDR memory
- ◆ 12 PCI expansion slots for Video Codec boards or optional module
- ◆ 3 Swappable HDD plus one 5.25" drive (optional)
- ◆ USB x3, RS-232 x1, RS-485 x1



## Is your Digital Security Surveillance (DSS) subsystem truly an industrial Single Board Computer (SBC) system or only a commercial mainboard in industrial chassis?

As we knew, for cost saving issue, many system providers are using commercial mainboard instead of industrial SBC system board and pretended that it is an industrial PC. Under such circumstance, the end customers thought that they might earn a lot of money in the beginning. However, the unstable system will always miss to record the most important events and the result is brought to an uncountable loss and spending. The solution is adopted our high performance and high quality DSS platform that allow you to be a system leader in the surveillance market.

PVS-4430 is our professional model of the 4U rack-mount DSS subsystem. **It can supports up to 12 PCI expansion slots that satisfy a variety of peripheral applications.** It also enables the non-stop operation hassle free in running 7 days 24 hours under 45 degree C featuring with good ventilation design.

Base on industrial system architecture, it can combine with different back plane either PCI or ISA slots which satisfy your complex peripheral requirements. **New design employs three 5.25" drive bay, two can fit in 3 Hot Swap HDD, and the left allows you to install either a CD or CD-RW or DVD-RW drive.** Two USB sockets stay in front of the chassis is convenient for you to back up the video data. A 19" rack-mount chassis is comply with the industrial standard specifications that allow you to install multiple chassis to the system kiosk for ease of management.

The PVS-4430 is powered by Intel® Pentium® 4 processor up to 3.06Hz. The 845 chipsets feature up to 2 GB of 200/266 DDR memory and up to 64MB shared DDR memory. It can optional equip with Gigabit Ethernet, TV Out, SCSI Extension to fit into different applications. Other on board features include 3 USB2.0 ports, high driving 8 GPIO, RS232/422/485, and watchdog timer.

## SPECIFICATION

Dimension	482 x 461 x177 mm; 18.98" x 18.15" x 6.97"
CPU	Intel® Pentium® 4 up to 3.06 GHz / Celeron® up to 2.8 GHz
Chipset	Intel® 845GV
Display	Up to 64 MB shared DDR memory (DVMT)
System Memory	Up to 2 GB DDR 200/266 SDRAM on two 184-pin DIMM socket, ECC support
Ethernet	10 BASE-T/100 BASE-TX Fast Ethernet (Gigabit Ethernet optional)
MIO	RS-232 x1; RS-232/422/485 x1
Audio	AC '97 2.2
USB	USB 2.0 x3 (2 in the front)
Power Supply	300 W, PFC
Expansion Interface	12 PCI slots
HDD	5.25" x3 or remove HDD x3 + 5.25" Driver x1 (option)
Optional	Gigabit Ethernet; TV out; SCSI extension module; Type II CF Socket

■ PVS-4430 Drawing

