PANEL1170-810
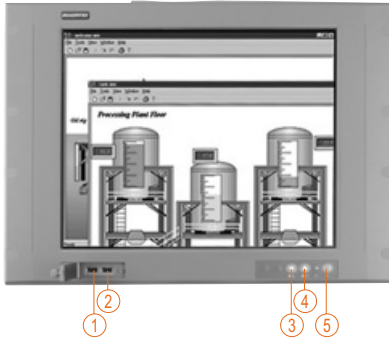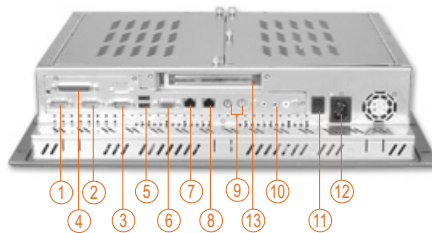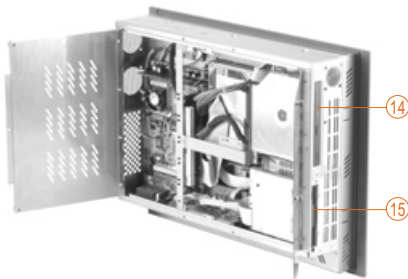
17" TFT Ultra Slim Industrial Panel PC w/ Intel® Pentium® M Processor

1. USB
2. USB
3. SEL-
4. SEL+
5. Backlight on/off

Features

▶ **17" SXGA TFT LCD display**
▶ **Superior Intel® Pentium® M processor supported**
▶ **Front accessible USB 2.0 ports for easy software maintenance**
▶ **Easy-to-install CPU/HDD/DRAM: back door**
▶ **Stainless steel chassis with IP-65 aluminum alloy front panel**
▶ **Serial ATA & IDE interface HDD supported**
▶ **Dual LAN design to extend the ability of Ethernet communication**
▶ **Reliability design of vibration proved HDD Tray**
▶ **Panel/Rack/Desktop/VESA ARM mounting supported**

1. COM4
2. COM2
3. COM1
4. Parallel port
5. USB
6. VGA
7. Ethernet (10/100)
8. Ethernet (10/100/1000)
9. PS/2 mouse/keyboard
10. Audio
11. Power switch
12. AC inlet
13. PCI slot
14. 24x CD-ROM (optional)
15. Slim FDD

Introduction

The PANEL1170-810 is an ultra slim Panel PC which equipped with superior Pentium® M processor and 17" SXGA LCD display. PANEL1170-810 has friendly user interface design of using front access USB, may let the customers easily connect keyboard/mouse and USB storage device. In addition, with P-M CPU and the advanced radiation design, PANEL1170-810 has better stability and the ultra slim overhead construction. The Back Door design also makes PANEL1170-810 to be extremely easy to maintain.

Front Access USB Ports & OSD
To enhance the system for easy maintenance and upgrade, the two front USB ports have been build-in to the front panel. By connecting the USB storage devices to the front USB ports, users can upgrade or maintain the software without dismount the panel PC from the rack. The OSD control keypads allows the users to tune the display brightness and position at front panel which ensures the users always get the best display condition for any specific application.

Most Reliable and Stable Design: Intel® Pentium® M Processor
The Pentium® M processor delivers outstanding computing performance and low-power enhancements. Therefore, with the remarkable radiation design and using P-M CPU, PANEL1170-810 is a high stability and high reliable Panel PC. At the same time, with the Ultra Slim case design, customers can easily install PANEL1170-810 everywhere.

Easy-to-Maintenance Design: Back Door
The back panel of the PANEL1170-810 was anchored by hand-removable fasten screws. Users can install the CPU, Memory, and HDD without use screw driver to open the main cabinet. This modular design helps to minimize system down-time for maintenance. The two front accessible USB ports also enable the easy connection of input devices such as Keyboard or Mouse. By connecting to USB FDD, CD-ROM, or Memory Stick, users can update the newest software to the system or download the system information to memory devices.

Specifications

Front Bezel	Aluminum w/ brightness control bottoms and power LED	
LCD Panel	17" SXGA TFT Brightness: 260nit Resolution: 1280 X 1024 pixels View angle: Vertical: 120˚; Horizontal: 140˚	
Main System	Mainboard	SBC83810
	CPU	Socket 478 Intel® Pentium® M and Intel® Celeron® M Processors
	Core Logic	Intel® 855GM/GME & 6300ESB
	Bus Clock	400MHz
	Memory	1 x 184-pin DDR DIMM max. up to 1GB
	Onboard Graphic	Intel® 855GME integrated

Serial Port	RS-232 x 3 & RS-232 / 422 / 485 x 1 +5Vpower output capability by pin 1 and +12V by pin 8 w/ selectable via jumper setting
PS/2 Interface	PS/2 keyboard x 1; PS/2 mouse x 1
Onboard SSD	CompactFlash™ type II socket
Hard Disk Drive	Echanced IDE/S-ATA interface 1 x 3.5" or 2 x 2.5" type
Ethernet	10/100Based-T Ethernet x 1 10/100/1000Based-T Ethernet x 1
Audio	Line-in, Line-out, & MIC-in
Watchdog Timer	Reset supported; 600 levels

* All the specifications and photos are subjected to be changed without notice.

Specifications

Peripheral Built-in	Slim type floppy disk drive
	Slim type CD-ROM / Combo / DVD-RW drive (optional)
I/O Connectors	D-Sub 9 pin x 1 (male) for RS-232 / RS-422 / RS-485
	D-Sub 9 pin x 3 (male) for RS-232
	(One port reserve for touch screen)
	USB 2.0 connector x 3 (1 at rear / 2 at front panel)
	D-Sub 25 pin x 1 (female) for Parallel
	P/S2 x 2 for Keyboard and Mouse
	RJ-45 X 2 for Dual Ethernet
	D-sub 15 pin x 1 (female) for VGA output
	PCI-X / PCI slot X 1
	Line-in, Line-out, Mic in
Touch Screen	Type: Resistive (optional)
	Light Transmission 79%
	Controller RS-232 interface
	Point Activation: 1 million activations (typical) at a single point
Power Supply	AC-in 115~230V$_{AC}$, 180W
Dimensions	19.0"(482.8mm)(W) x 4.17"(105.9mm)(D) x 13.97"(354.8mm)(H)
Weight	13.5 kg (29.7 lb)
Environmental	Operation temperature: 0°C-45°C (32°F -113°F)
	Relative humidity: 10-95%@ 40°C, non-condensing
	Operation vibration: 1.0G, 5~500Hz, random

Ordering Information

PANEL1170-810-R	17" TFT panel PC w/ resistive T/S
PANEL1170-810-RC	17" TFT panel PC w/ resistive T/S & slim CD-ROM
PANEL1170-810-G	17" TFT panel PC w/ tempered glass
PANEL1170-810-GC	17" TFT panel PC w/ tempered glass & slim CD-ROM

Optional Accessories

F202003330	VM-101 (VESA ARM clamp Type)
F202003329	VM-105 (VESA ARM Wall-mount)

Optional OS Installation

Windows® 95/98
Windows® NT/2000/XP
Linux Kernel 2.4

Optional EOS Installation

Windows® CE.NET
Windows® XP Embedded

Dimensions