PIT-1702

Patient Infotainment Terminal



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Features

- Intel[®] Celeron[®] M ULV 1.06 GHz/Core 2 Duo 1.06 GHz
- Fanless
- 17" TFT-LCD with touchscreen
- Built-in 1.3 megapixel CMOS camera
- Built-in Mic, speaker & head-set support
- Equipped with RFID/WiFi/Smart Card Reader
- Built-in emergency key & 2 x indicators
- Multiple input supports: RJ-45, USB x 2
- Windows XP Embedded architecture
- EN60601-1 certification approved
- Rich options
- *TV tuner (analog & DVBT)
- *Handset
- *Wired remote controller (6 keys)
- Notes:*optional items

Introduction

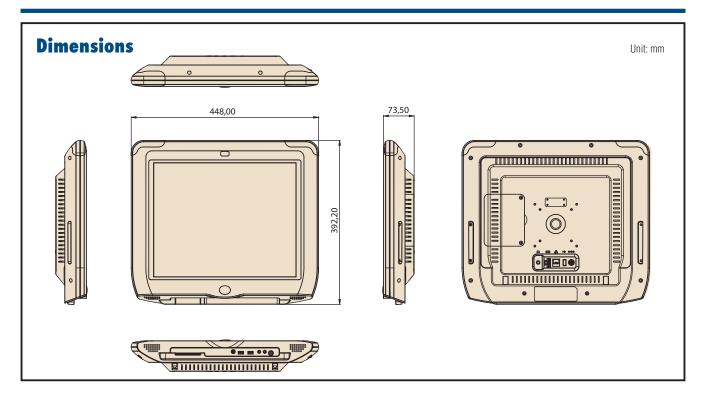
The PIT-1702, a 17" multi-function terminal with touchscreen, WiFi, RFID, handset, smart card reader, and 1.3 megapixel CMOS camera, is a standard product of Advantech which targets the patient terminal and healthcare market. A built-in Intel Celeron M 1.06 GHz processor and Microsoft Windows XPE Embedded software provides patients with various entertainment programs such as TV, movies or computer games. The 1.3 megapixel camera, WiFi and Ethernet (RJ-45) connectivity provides video phone service to help patients communicate with their families by internet. Identification recognition for both hospital staff and patients is possible with the RFID and smart card reader. Added flexibility is provided through I/O interfaces such as USB ports, an earphone and a microphone jack. Additionally, an LED light indicator and nurse call button help alert hospital staff to important incidents.

Specifications

Hardware	CPU	Intel Celeron M ULV 1.06 GHz /Core 2 Duo 1.06 GHz
	Front Side Bus	Supports FSB 533/667MHz
	System Chipset	Intel 945GME
	Memory	1 GB DDRII DRAM
	Storage	HDD: 2.5" SATA 80G
	Camera	1.3 megapixel CMOS camera
	Bus Expansion	mini-PCI slot x 1 (for WLAN)
	Size	17" TFT color LCD
	Max Resolution	1280 x 1024
Display	Viewing Angle	178/178
	Luminance	300 cd/m ²
	Contrast Ratio	800:1
	Туре	Analog Resistive
Touchooroop	Light Transmission	75%
Touchscreen	Controller	USB interface
	Durability	30 million touches
	USB Port	3
I/O Ports	Smart Card Rearder	1
I/U PUILS	Line out	1
	Microphone in	1
Audio	Speaker	1W x 2
Auuio	Microphone	1
Notwork	LAN	10/100 Mbps Ethernet (RJ-45) x 1
Network	WLAN	802.11 b/g wireless LAN
Emorgonov Alarm	Hotkey	1
Emergency Alarm	LED Light Indicator	2
Bus Expansion	mini-PCI slot	1 (for WLAN)
Software	Operating System	Embedded XP
Mechanical	Mounting	VESA 75/100 mm
	Dimensions (W x H x D)	448 x 393 x 73.5 mm (17.64" x 8.31" x 2.89")
	Weight	6.8 kg (14.99 lbs.) / 7.0 kg (15.43 lbs.) with handset

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PIT-1702



Specifications

Options	TV Tuner	1 (Anlalog & DVBT)
	Handset	1
	Remote Controller	6 keys
	AC/DC Adapter	
Power Supply	Input Voltage	100 ~ 240 V _{AC} , 1.1 ~ 0.45 A @ 47~ 63 Hz
	Output Voltage	+18 V _{DC} , 4.44 A max
Environment	Operating Temperature	0 ~ 40° C
Environment	Certifications	CE, FCC, CCC, CB, UL, EN 60601-1 approved

Ordering Information

Discription			
17", Intel 945 Celeron M 1.06 G, 1 G SDRAM, 80 G HDD			
PIT-1702-CST0E+TV tuner			
PIT-1702-CST0E+Handset			
PIT-1702-CST0E+wired remote controller (6 keys)			
Core2 Duo Platform			
17", Intel 945 Core2 Duo 1.06 G,1 G SDRAM, 80 G HDD			
PIT-1702-UST0E+TV tuner			
PIT-1702-UST0E+Hansdet			
PIT-1702-UST0E+wired remote controller (6 Keys)			

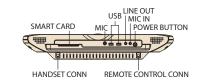
Packing List

Description	Quantity
CD Utility	1
AC/DC Power Adapter	1
User Manual	1

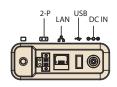
Accessories

Part Number	Description
PIT-1702-HSKE	Handset
PIT-1702-RCKE	Wired remote controller (6 keys)

Bottom I/O Placement



Rear I/O placement



57