PIT-1702

Patient Infotainment Terminal

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.

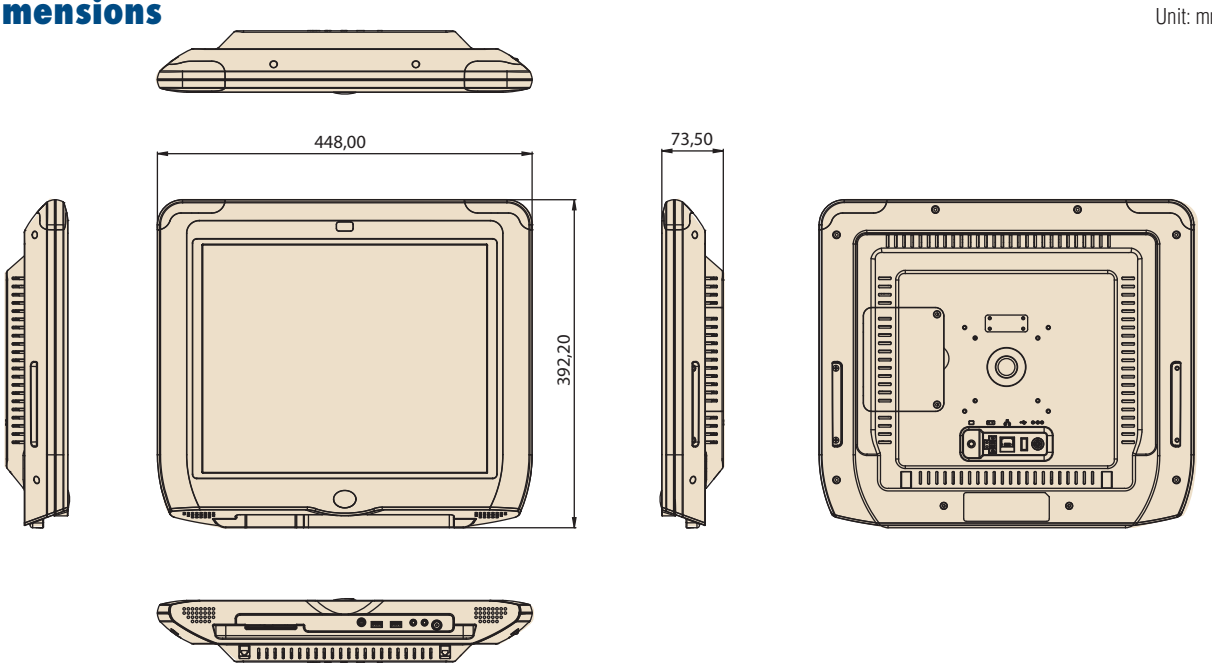
Specifications

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)
Display	Size	17" TFT color LCD
	Max Resolution	1280 x 1024
	Viewing Angle	178/178
	Luminance	300 cd/m^2
	Contrast Ratio	800:1
Touchscreen	Type	Analog Resistive
	Light Transmission	75%
	Controller	USB interface
	Durability	30 million touches
I/O Ports	USB Port	3
	Smart Card Rearder	1
	Line out	1
	Microphone in	1
Audio	Speaker	1W x 2
	Microphone	1
Network	LAN	10/100 Mbps Ethernet (RJ-45) x 1
	WLAN	802.11 b/g wireless LAN
Emergency Alarm	Hotkey	1
	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

All products specifications are subject to change without notice.

Dimensions

Unit: mm



Specifications

Options	TV Tuner	1 (Anlalog & DVBT)
	Handset	1
	Remote Controller	6 keys
Power Supply	AC/DC Adapter	
	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
	Certifications	CE, FCC, CCC, CB, UL, EN 60601-1 approved

Ordering Information

Part Number	Discription
Celeron M Platform	
PIT-1702-CST0E	17", Intel 945 Celeron M 1.06 G, 1 G SDRAM, 80 G HDD
PIT-1702-CTV0E	PIT-1702-CST0E+TV tuner
PIT-1702-CHT0E	PIT-1702-CST0E+Handset
PIT-1702-CRC0E	PIT-1702-CST0E+wired remote controller (6 keys)
Core2 Duo Platform	
PIT-1702-UST0E	17", Intel 945 Core2 Duo 1.06 G,1 G SDRAM, 80 G HDD
PIT-1702-UTV0E	PIT-1702-UST0E+TV tuner
PIT-1702-UHT0E	PIT-1702-UST0E+Hansdet
PIT-1702-URC0E	PIT-1702-UST0E+wired remote controller (6 Keys)

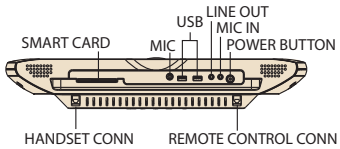
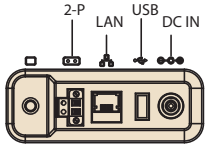
Packing List

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