Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PIT-1702

Features

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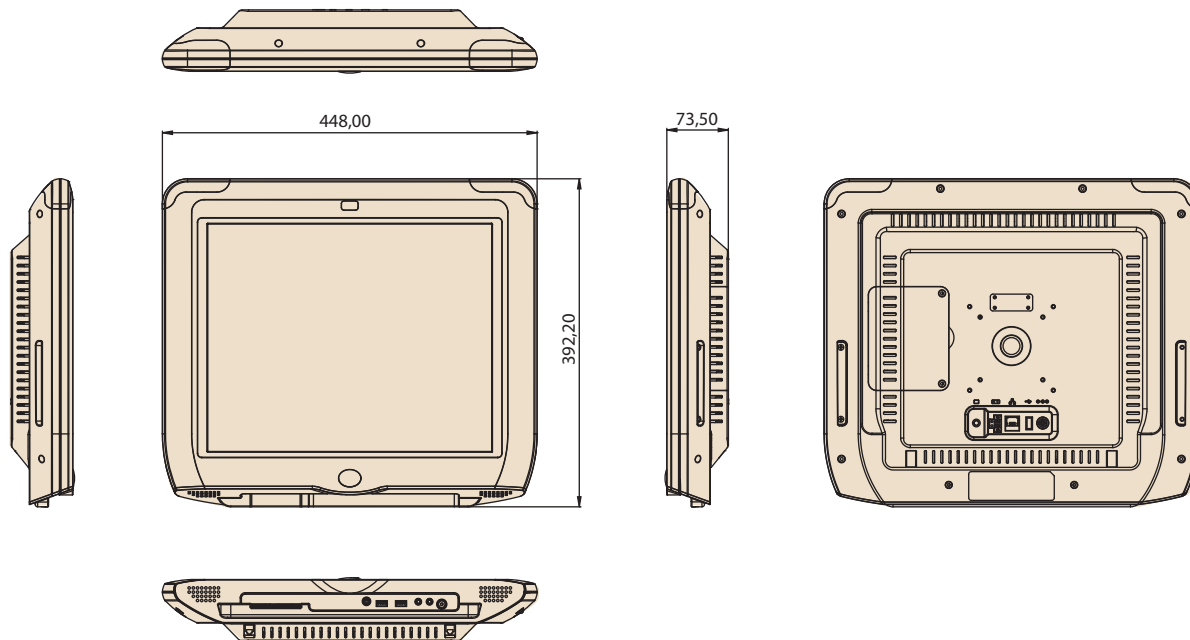   (Note: * = optional items)

Introduction

The PIT-1702, a 17" multi-function terminal with touchscreen, WiFi, RFID, handset, smart card reader, and 2 megapixel CMOS camera, is a standard Advantech product which targets the patient terminal and healthcare market. A built-in Intel Celeron M 1.06 GHz processor and Microsoft Windows XP Embedded software provides patients with various entertainment options such as TV, movies or computer games. The 2 megapixel camera, WiFi, and Ethernet (RJ-45) connectivity provide 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 533/667 MHz
	System Chipset	Intel 945GME
	Memory	1 GB DDRII DRAM
	Storage	HDD: 2.5" SATA 160G
	Camera	2 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/m²
	Contrast Ratio	800:1
Touchscreen	Type	Analog Resistive
	Light Transmission	80%
	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/ Win7 / Linux Fedora, Ubuntu
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

Dimensions

Unit: mm

448,00

392,20

73,50

Specifications

Options	TV Tuner	1 (Analog & 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

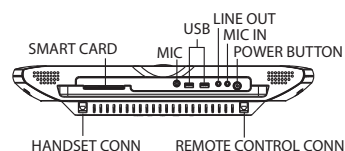| Part Number	Discription
Celeron M Platform	
PIT-1702-CST0E	17", Intel 945 Celeron M 1.06 G, 1 G SDRAM, 160 G HDD
Core2 Duo Platform	
PIT-1702-UST0E	17", Intel 945 Core2 Duo 1.06 G,1 G SDRAM, 160 G HDD

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

SMART CARD
MIC
USB
MIC IN
LINE OUT
POWER BUTTON
HANDSET CONN
REMOTE CONTROL CONN

Rear I/O Placement

2-P
LAN
USB
DC IN