

PIT-1501W

Patient Infotainment Terminal



Features

- Intel® Atom™ Processor 1.6 GHz
 - Fanless
 - 15.6" TFT-LCD with touchscreen
 - Built-in 1.3 megapixel CMOS camera
 - Built-in Mic, speaker & headset 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
 - IP65 (front) and IPX1
 - Options:
 - *TV tuner (analog & DVBT)
 - *Handset
 - *Wired remote controller (6 keys)
- (Note: * = optional items)



Introduction

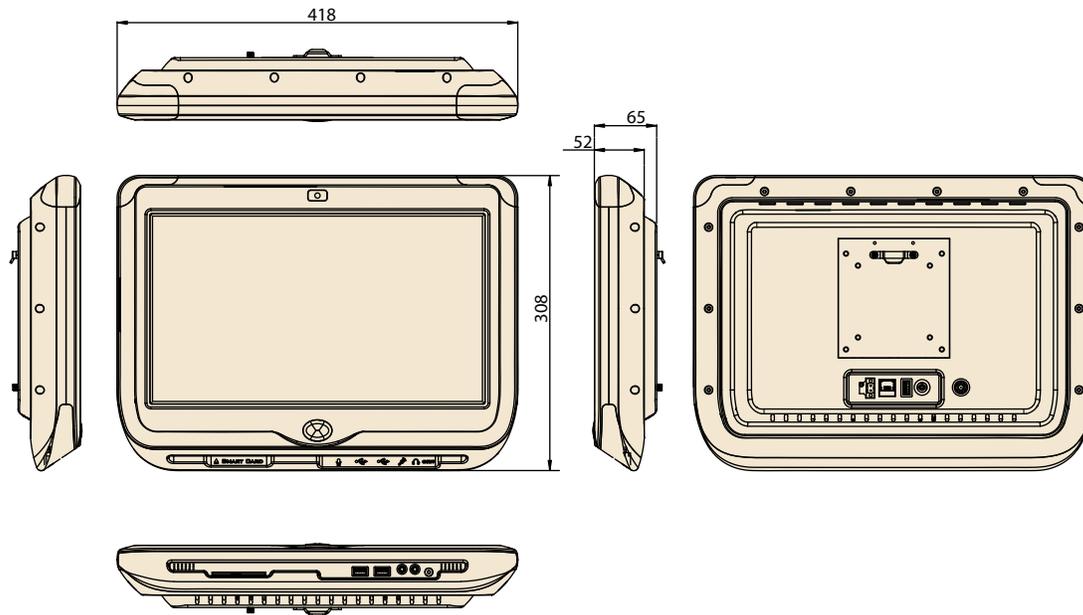
PIT-1504W, equipped with a 15.6" multi-function touchscreen, WiFi, RFID, handset, smart card reader and 1.3 megapixel camera is a member of the Advantech PIT family. PIT-1501W provides patients with various entertainment programs such as TV, movies or computer games with its Microsoft Windows XP Embedded and Intel Atom 1.1 GHz/ 1.6 GHz processor. Patients can easily communicate with families via the web with the 1.3 megapixel camera, WiFi and Ethernet (RJ-45) connectivity, which are standard functions of PIT-1501W. Identification recognition for both hospital staff and patients is possible with the RFID and smart card reader. The standard I/O ports of PIT-1501W such as USB ports, earphone and microphone jack generate more flexibility for various applications. Additionally, important incidents can be noticed immediately due to LED light indicators and a nurse's call button.

Specifications

Hardware	CPU	Intel Atom 1.6 GHz
	Front Side Bus	Supports FSB 400/533 MHz
	System Chipset	Intel US15W
	Memory	1 GB DDRII DRAM, up to 2G
	Storage	HDD: 2.5" SATA 160G
	Camera	2.0 megapixel CMOS camera
Display	Bus Expansion	mini-PCIe x 1(for WLAN)
	Size	15.6" TFT color LCD
	Max Resolution	1366 X 768
	Luminance	250 cd/m ²
Touchscreen	Contrast Ratio	500:1
	Type	Analog Resistive
	Light Transmission	75%
I/O Ports	Durability	30 million touches
	USB Port	3
	Smart Card Reader	1
	Line out	1
Audio	Microphone in	1
	Speaker	1W x 2
Network	Internal Microphone	1
	LAN	10/100 Mbps Ethernet (RJ-45) x 1
Emergency Alarm	WLAN	802.11 b/g/n wireless LAN
	Hotkey	1
Bus Expansion	LED Light Indicator	2
	mini-PCIe slot	1 (for WLAN)
Mechanical	Software	Embedded XP
	Mounting	VESA 75/100 mm
	Dimensions (W x H x D)	416 X 308 X 65 mm(16.38" x 12.13" x 2.56")
Options	Weight	4.0kg (8.82lbs) / 4.48 kg (9.88lbs) with handset
	TV Tuner	1 (Analog & DVBT)
	Handset	1
	Remote Controller	6 keys

Dimensions

Unit: mm



Specifications

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	Description
Atom 1.6 GHz	
PIT-1501W-ASTOE	15.6" (16:9) LCD, Intel Atom 1.6 GHz, 1G SDRAM

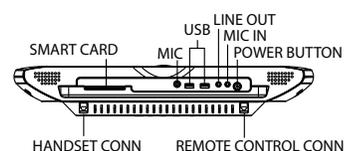
Packing List

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

Accessories

Part Number	Description
PIT-1501W-HSKE	PIT-1501W Handset Kit
PIT-1501W-RCKE	PIT-1501W Remote Control Kit
PIT-1501W-VFKE	PIT-1501W TV Tuner (EU type)
PIT-1501W-VUKE	PIT-1501W TV Tuner (US type: ATSC/NTSC)

Bottom I/O Placement



Rear I/O Placement

