

PIT-1501W

Patient Infotainment Terminal



Features

- Intel® Atom™ 1.6 GHz
- Fanless
- 15.6" 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
- IP65 (front) and IPX1
- Rich options
- *TV tuner (analog & DVBT)
- *Handset
- *Wired remote controller (6 keys)

Notes: *optional items



Introduction

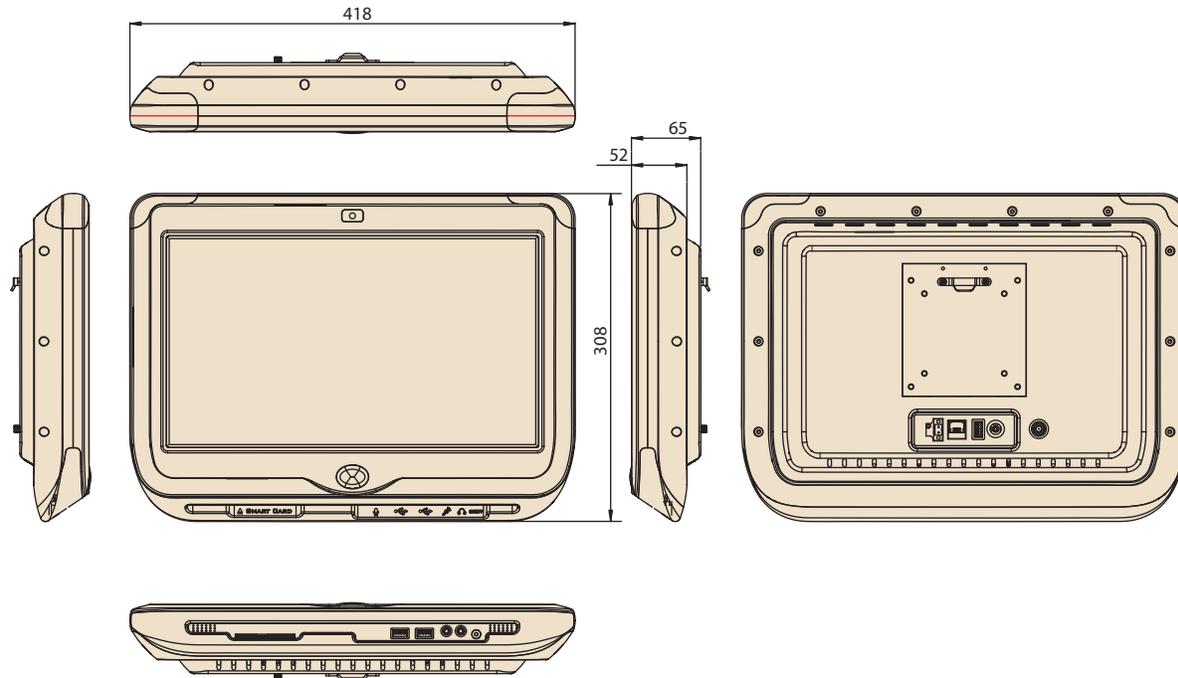
PIT-1501W which equipped a 15.6" multi-function touchscreen, WiFi, RFID, handset, smart card reader and 1.3 megapixel camera is a member of PIT family of Advantech. PIT-1501W can provide patients with various entertainment programs such as TV, movies or computer games because of Microsoft Windows XPE Embedded and Intel Atom 1.1GHz/1.6GHz processor. Patients can easily communicate with families by internet because 1.3 megapixel camera, WiFi and Ethernet (RJ-45) connectivity 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 can generate more flexibility for various extensions. Additionally, important incidents can be noticed immediately because of LED light indicators and nurse call button.

Specifications

Hardware	CPU	Intel Atom 1.6 GHz
	Front Side Bus	Support FSB 400/533 MHz
	System Chipset	Intel US15W Poulsbo
	Memory	1 GB DDRII DRAM, up to 2G
	Storage	HDD: 2.5" SATA 80G
	Camera	1.3 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
	Operating System	Embedded XP
	Mounting	VESA 75/100 mm
Options	Dimensions (W x H x D)	416 X 308 X 65 mm(16.38" x 12.13" x 2.56")
	Weight	4.0kg (8.82lbs) / 4.48 kg (9.88lbs) with handset
Remote Controller	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

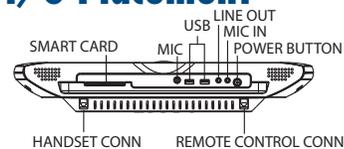
Packing List

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

