



product description

18.5" Fanless, ATOM 1.6GHz, Multi-Function Medical Panel PC

Introduction

MPS1812 is 18.5 inch fanless multi function medical panel PC, feature power efficient Intel embedded processor and advance long life LED backlight display. With projective capacity multi touch, wireless connectivity, smart card reader and VOIP telephone, MPS1812 provide patient information and entertainment solution at the same time.

Features:

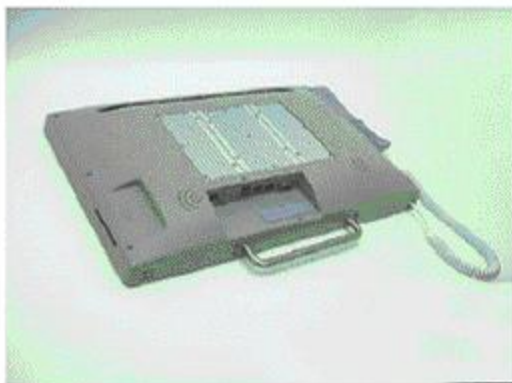
- 18.5" TFT LCD medical panel PC with 1366x768 resolution
- LED backlight with Everbrite™ feature provides low power consumption and constant brightness
- Fanless design provides silent operation
- Projective capacitive multi-touch screen provides easy and intuitive interactions with application
- VOIP telephone provides data and telephone communication onto a common network
- CMOS 1.3MP PC camera provides clear photo taken and motion monitoring
- RFID enables patient to retrieve electronic record with correct RFID wristband
- Wireless LAN and cable LAN provide flexible network connection
- Bluetooth module provides wireless connection with medical devices
- IPTV, IP radio, RSS news provide multi channels patient entertainment
- IP65 same level facial screen with antibacterial coating provide water proof feature and reduce bacterial buildup

Optional Features:

- Smart Card Reader (SCR)
- RFID Reader
- IP TV, Radio and News
- IP Phone

Application:

- Medical Bedside Terminal



Specifications

V1

Model Number	MPS1812
Description	18.5" Fanless, ATOM 1.6GHz, Multi-Function Medical Panel PC
Display	18.5" Wide LED Backlight
Active Display Area	304.128x228.096 mm
Brightness	200~500 cd/m ²
Resolution	1366x768 (HD)
Touch Screen	Projective Capacitive Multi-Touch
Optical	AOT (Optional)
Computing Platform	
Processor	Intel™ Atom N270 1.6GHz
Chip Set	Intel™ 945GSE + ICH7M
Memory	DDRII 400/533/667 up to 2GB
Ethernet	Gigabit Ethernet x 2
Storage	SATAII 2.5" HDD 250GB



External Connectivity	X2 RJ-45 Gigabit Ethernet (GbE) X2 USB2.0 X1 COM port RS232 X1 Audio Mic-in, Line-cut X1 Smart Card Reader X2 RJ-11 (at right and left side) X1 Four pins DC Input connector
Internal Connectivity	Speaker: 2x2W stereo speaker Internal Microphone: Build in PC Camera: USB Video Class (UVC) compliant camera module Bluetooth: Bluetooth v2.0 + EDR Wireless LAN: WiFi 802.11 b/g OSD: (4 keys and 1 LED) Power on/off button, Power LED, Manual, Volume (+), Volume (-)
Optional Features	IP Phone: Internet Softphone IP TV: Internet TV, Radio and news RFID: Standard protocol Mifare classic ISO 14443 A&B&C 13.56MHz Smart Card Interface: Standard protocol ISO7816-3 ,EMV L1
Power	
Voltage	DC Input: DC 12V
Power Adaptor	Medical grade AC100V~240V
Power Consumption	TBA
Mechanical	
IP Rating	IP65 standards when console mounted.
Construction	Antibacterial plastic housing
Mounting	VESA75/VESA100
Dimension	447x293.64x57.3 mm
Net Weight	6.2Kg
Environmental	
Operating Temperature	-10°C~40°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	5~95% @ 40°C, non-condensing

Specifications are subject to change without notice.

All brands or product names are trademarks or registered trademarks of their respective companies.