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15" Medical Panel / Tablet-PC M1525

Intel Core™ 2 Duo Medical PC with Bluetooth, WLAN and Battery



Features

- For Healthcare or Bedside Entertainment System Application
- UL60601-1/EN60601-1-1/EN60601-1-2
- Support Intel Core™ 2 Duo CPU up to T7400 (2.16GHz)
- Optional Fanless System with Celeron M 423 CPU
- Front Panel IP-54 Splashproof, Dust Resistant
- Isolated Circuit Protection for All Serial Ports
- High Capacity Li-Battery (7,200mAh) with Long Battery Life (3.5hrs)
- Multi-Connectivity (Bluetooth/WLAN/GbE LAN)
- Multi-Expansion (U-DOM/DVD/Mini-Card/Smart Card Reader)

System

CPU Intel Celeron M CPU 423 1.06GHz (Fanless) or Intel Core™ 2 Duo

CPU up to T7400 2.16GHz, 4MB L2 Unified, FSB667/533MHz

Graphics Controller Intel GMA950 Video Controller, up to 192MB shared memory

Memory 2 x 200 pin SO-DIMM, up to 4GB Dual Channel DDR2 SDRAM 667/533/400MHz

Chipset Intel 945GME + Intel ICH7M

IDE 1 x IDE for CD-ROM drive

Serial ATA 1 x SATA1300MB/s HDD transfer rate

Peripherals and Devices

Serial Port 4 x RS-232 w/ isolation

USB Port 4 x USB 2.0 ports

KB/MS 1 x PS2 K/B and Mouse

LAN 1 x RJ45

VGA 1 x DB15

DVI 1 x DVI

RJ11 1 x RJ11 for Input, 1 x RJ11 for output

Wi-Fi 1 x Wireless LAN 802.11b/g/n

Bluetooth 1 x Bluetooth module by USB interface

Smart Card Reader 1 x Smart Card Reader

CCD Camera 1 x 2.0 megapixel CCD camera

Expansion Bus 1 x PCIe Mini-card (USB 2.0 or PCIe interface)

Switches

Function Keys 8 x programmable function keys (F1 – F8)

Warning LED Programmable for function key

Power Button On/Off

LED Indicator 3 x LEDs on front panel (Battery, Power, Storage)

Ethernet

Chipset 1 x Realtek 8111B PCI-Express Gigabit LAN

Audio

Codec/Interface HDA Codec, Mic-in/Line-out
Internal 2 x speakers (1.5W), Microphone built-in

LCD Display

Size/Type 15" TFT Color LCD/1 Channel 18 bit LVDS

Max. Resolution 1024 x 768, XGA

Max. Colors 262,144 colors

Luminance 350 cd/m²

View Angle 120

Contrast Ratio 500 : 1

LCD/Backlight MTBF 50,000 hours (Temperature 20°C ~ 35°C)

Touch Screen

Type Analog Resistive

Light Transmission 80%

Controller Interface USB Interface

Power Consumption 200mA/5V

Driver Support Windows/Linux

Storage

HDD/Type 1 x 2.5" SATA HDD bay

CD-ROM 1 x Slim Type DVD Combo (M1525/T7400-B23 only)

USB DOM 4G/8G (Optional)

Power Adapter

AC Input 90 ~ 264VAC (Full Range)

Frequency 47 ~ 63Hz

DC Output 100W (Max.), 5A/20VDC

Input Current (rms) 1.25A/115VAC, 0.5A/230VAC (Max.)

Battery 7200mAh Li-battery pack built-in

Power Consumption

100% CPU Loading

(excl. LCD & I/O)

Intel Celeron M CPU 423 1.06GHz (18.6W)

Intel Core 2 CPU T7400 2.16GHz (57.4W)

Mechanical & Environmental

Operating Temp. 0 ~ 40°C (32 ~ 104°F)

Operating Humidity 5 ~ 95% (non-condensing)

Dimensions (W x D x H) 409 x 58 x 341 mm (16.1" x 2.28" x 13.43")

Vibration 17 to 500Hz, 1G PTP

Shock 10G/peak (11m sec)

Construction Plastic

Mounting VESA-75/100 compatible

IP Rating Front panel: IP54 splashproof, dust resistant

Certification UL60601-1/EN60601-1-1/EN60601-1-2/RoHS