



M1525

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



◀ New!!

Features

- For eHealthcare 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
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Audio

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

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

Ordering Information

M1525/423-B22	15" medical Panel PC (gray) w/Celeron M 423 1.06GHz CPU/80GB HDD/1GB RAM/Wireless LAN/Bluetooth
M1525/T7400-B23	15" medical Panel PC (gray) w/Core 2 Duo T7400 2.16GHz CPU/80GB HDD/1GB RAM/Wireless LAN/Bluetooth/DVD Combo
ARM-150	VESA-75/100 desktop LCD monitor ARM

All specifications are subject to change without notice.

Computer on Module

Embedded Mini-board

Slot Computing

Industrial Motherboard

Wide Temperature

Cabinet Cooling Kit /SSD Diagonal Board /Power Converter

Rugged Tablet PC

HMI / HMC

Box PC

Mobile DVR

Network Communication Appliance

Industrial Chassis /Backplane Power supply