



The **Guardian Medical Healthcare Station Model M1561** is ideal for use in hospitals or home healthcare, point-of-care, or telemedicine. The **Model M1561** enables authorized clinicians to securely and precisely access patient data enhancing healthcare quality and making medication management more efficient. In addition, the **Model M1561** can serve as a bedside infotainment monitor to make the hospital stay easier for the patient by providing multimedia entertainment and communication functions.

The **Guardian Model M1561** is equipped with a high-definition LCD module and expansion interfaces that make it suitable for all kinds of medical applications. The **Model M1561**'s front panel is IP54 compliant, making it suitable for use in dusty environments. The **Model M1561** comes with a 15" touch-screen for easy operation with finger or stylus, and is based on the Intel Atom N270 processor to let you have a powerful computing point-of-care platform.

Features:

- Soldered Onboard Intel® Atom™ N270 Processor
- EN60601-1 / EN60601-1-2 Certified
- Passive Cooling System (Fanless)
- Front Panel IP54 Splashproof, Dust Resistant
- Multi-connectivity (Bluetooth/WLAN/GbE LAN)
- Integrated Smart Card Reader
- Fanless Operation
- Option: Dual Li-Battery (7,800mAH and 1880mAH) with Long Battery Life (5hrs)
- Intel® SSD Compatible

Guardian™ Medical Healthcare Station

Model M1561

SPECIFICATIONS

Item:	Medical Healthcare Station, Model M1561	
System:	CPU Graphics Controller Memory Chipset Storage	Intel® Atom™ N270 1.6GHz processor Intel® GMA950 Video Controller, up to 128MB shared memory 2GB DDR2 SO-DIMM memory module installed Intel® 945GSE + Intel® ICH7M 320GB 2.5" SATA HDD installed
Peripherals and Devices:	Serial Port USB Port CCD Camera KB/MS Ethernet VGA Wi-Fi Bluetooth Smart Card Expansion BUS	4 x RS-232 ports 4 x USB 2.0 ports 1 x 2.0 megapixels CMOS camera 1 x PS2 Keyboard, 1 x Mouse 2 x Intel® WG82574L Gigabit Ethernet controller 1 x DB-15 Analog RGB port 1 x 802.11 b/g/n USB Wireless LAN Card w/antenna 1 x Bluetooth module 1 x Smart Card Reader 1 x PCIe Mini-card (USB 2.0 or PCIe interface)
Button & Indicator:	Function Key Power Button LED Indicator Warning LED	8 programmable function keys (F1-F8) On/Off 3 x LEDs on front panel (Battery, Power, Storage) 1 x warning LED
Audio:	Codec/Interface	Azalia HD Audio Codec (ALC888) Internal 2 x speakers (1.5W), microphone built-in
LCD Display:	Size/Type Max. Resolution Luminance Viewing Angle Contrast Ratio Backlight Type	15" TFT Color LCD/1 Channel 24 bit LVDS 1024 x 768 (XGA), 16.2 Max. Colors 225 cd/m ² (typ.) 60(H/R), 60 (H/L), 60 (V/L), 50 (V/D) (CR=10) 420:1 30,000 hours
Touch Screen:	Type Light Transparency Controller Interface	5-wire, Analog Resistive 80% (typ.) USB interface
Power Requirement:	Adapter Input Adapter Output Power Consumption Battery Type Battery Capacity Battery Operating Time	100 ~ 240VAC (Full Range) 19VDC, 3.42A, 65W 28W Li-battery pack Internal 7800mAH 9-cell + Internal 1880mAh 4-cell 4 hours
Mechanical & Environmental:	Operating Temperature Operating Humidity Dimensions (W x D x H) Weight (Net) Vibration Shock Construction Mounting IP Rating Regulatory	0 ~ 40°C (32° ~ 104°F) 5 ~ 85% (non-condensing) 16.1" x 2.28" x 13.43" (409 x 58 x 341 mm) 11.46 lb (5.2kg) 17 ~ 500Hz, 1G PTP 10G peak acceleration (11ms duration) Plastic VESA-75/100 compatible Front Panel:IP54 Splash proof, dust resistant CE/FCC Class B, EN60601-1/EN60601-1-2

Contact Industrial Computing for pricing on Accessories and Optional Configurations.

Due to our constant effort to improve products, Industrial Computing Inc. reserves the right to change or modify features and specifications without notice.



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