

**Industrial  
Computing**

# Guardian™ Expert Medical Station Model M1960



The **Guardian Expert Medical Station Model M1960** is a medical tablet that's ideal for use by doctors and busy medical professionals who need to work efficiently and effectively in a variety of environments such as ERs, ORs, ICUs, and at patient bedsides. The **M1960** features high performance data processing and transmission, and outstanding graphic capability, making it an ideal choice for vital sign monitoring, nursing care, clinical diagnosis, and Picture Archiving and Communication Systems (PACS).

The versatile **Guardian M1960** comes equipped with easy-to-use modules that enhance work efficiency, provide quick EMR access, and improve user security. Thoughtfully designed and ruggedly built, the **M1960** is anti-bacterial, dust-proof and splash-proof. With Intel® Celeron and high performance Intel® Core i7 CPUs available, the **M1960** helps reduce workloads, eliminate human error, and improve the quality of patient care.

#### Features:

- Fanless Design
- Soldered Onboard Intel® Core™ i7-2610UE or Celeron® 827E Processor
- 19" LCD with Resistive Touch
- EN60601-1, EN60601-1-2, UL60601-1 Certified
- Streamlined Appearance – just 2.2" in Thickness
- Bluetooth, WLAN and GbE LAN connectivity
- RFID Reader, 5.0 Megapixel Camera, Smartcard Reader, RF Keyboard and Slim DVD-RW
- Optional External Battery or PCIe x16 Expansion Box
- Isolated Serial, USB and LAN Ports
- Multi-expansion (3 x RS-232, 4 x USB, 2 x LAN, 1 x Displayport and 1 x SD Card)
- Intel® SSD Compatible

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260 Bear Hill Road  
Waltham, MA 02451

Tel: (781) 890-3111  
Fax: (781) 890-7117  
[www.industcomputing.com](http://www.industcomputing.com)

# Guardian™ Expert Medical Station

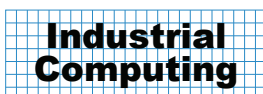
## Model M1960

### SPECIFICATIONS

Item:	Expert Medical Station, Model M1960	
System:	CPU Graphic Controller Memory Chipset Storage	Intel® Core™ i7-2610UE 1.5 GHz processor Intel® Celeron® 827E 1.4 GHz processor Intel® HD Graphics 3000 4GB DDR3 SO-DIMM memory module installed Intel® QM67 for i7-2610UE Intel® HM65 for 827E 32GB mSATA SSD 2.5" 320GB SATA HDD (optional) Intel® 40GB SSD (optional)
Peripherals and Devices:	Camera Wi-Fi Smart Card RFID RF Keyboard DVD-RW Docking Bay SD Card	1 x 5.0 megapixels CMOS camera w/auto focus (optional) 1 x 802.11 a/b/g/n Mini PCIe wireless LAN card Dual Smart Card Reader Slots 13.56MHz RFID reader with ISO 14443A/15693 support (optional) 1 x RF Keyboard (optional) 1 x Slim DVD-RW (optional) For the alternative of External Battery or PCIe x16 Expansion box (optional) 1 x SD/SDHC slot
I/O Interface	Audio I/O Video Output Video Input LAN Serial Port USB Port	1 x Integrated microphone, 2 x Integrated 3W speaker, 1 x Mic-in, 1 x Line-out 1 x display port 1 x SDI connector (optional) 2 x RJ45 connectors for GbE LAN with 4KV isolation 2 x RS-232 port with 4KV isolation 1 x RS-232/422/485 with 4KV isolation 4 x USB 2.0 ports 1 x USB 2.0 port with 4KV isolation (on top)
Button & Indicator:	Function Key	1 x Menu button 1 x Brightness up button 1 x Voice up button 1 x Programmable button 1 x Touch and LCD on/off button 1 x Brightness down button 1 x Voice down button 1 x Power on/off button
Power Requirement:	Adapter Input Adapter Output	100 ~ 240VAC (Full Range) DC 18V, 5A, 90W with Medical certificate
LCD Display:	Size/Type Max. Resolution Luminance Contrast Ratio Backlight Type Viewing Angle	19" TFT Active Matrix Panel 1280 x 1024 (SXGA) 16.2M Colors 350 cd/m <sup>2</sup> (typ.) 1000:1 LED +85° ~ -85° (H), +80° ~ -80° (V)
Touch Screen:	Type Controller Interface	Analog Resistive Touch, 5-wire USB interface
Mechanical & Environmental:	Operating Temperature Storage Temperature Dimensions (W x D x H) Weight (Gross) IP Rating Regulatory Vibration Shock	0 ~ 40°C (32° ~ 104°F) -20 ~ 60°C (-4° ~ 140°F) 15.75" x 17.95" x 2.2" (400 x 456 x 56 mm) 16.53 lb (7.5kg) Front Panel: IP65 and other IP-42 CE/FCC Class B, EN60601-1/EN60601-1-2, UL60601-1 5 ~ 500Hz, 1G random operation 10G peak (11m/sec)
OS Support:	Windows embedded Standard 7 / Windows embedded Professional 7 / Windows XP embedded Linux Ubuntu and Fedora compliant	

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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