

# CORSYS-M15™

## ADVANCED MEDICAL WORKSTATION

CORVALENT  
MEDICAL  
SYSTEMS

15" TOUCH SCREEN CORE™ 2 DUO  
MEDICAL COMPUTER SYSTEM



### PRODUCT HIGHLIGHTS

- Mobile Cart Is Ideal For eHealthcare, Bedside Entertainment, Medical Billing, Patient Monitoring and Information Applications
- Supports the Intel® Core™ 2 Duo CPU up to T7400 (2.16GHz) or Celeron® M 423 (1.06GHz) Processors
- Optional Fanless System with Celeron® M 423 Processor
- Front Panel and Touch Screen 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)
- Expansion Options (U-DOM/DVD/Mini-Card/Smart Card Reader)
- UL60601-1-1/EN60601-1-1/EN60601-1-2

### APPLICATIONS

- Medical
- Pharmaceutical
- Shipping/Receiving
- Materials Handling
- Factory Automation
- Point of Sale (POS)

## The CORSYS-M15™

is a mobile, low-power, high-performance, touch-screen workstation capable of attaching to a rolling, height adjustable medical cart. While designed for the medical industry, it's water, dust, and shock resistance also make it ideal for a mobile terminal for industrial applications such as materials management, point of sale, and shipping. The M15 supports the powerful Intel® Core™ 2 Duo processor, making it an ideal fit for applications requiring processing power where portability, convenience and security are a concern. The built in battery recharges when the unit is plugged in, and when unplugged will operate the system for up to 3.5 hours.

### MOBILE CONVENIENCE

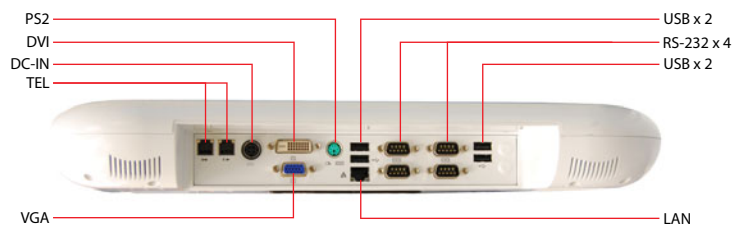
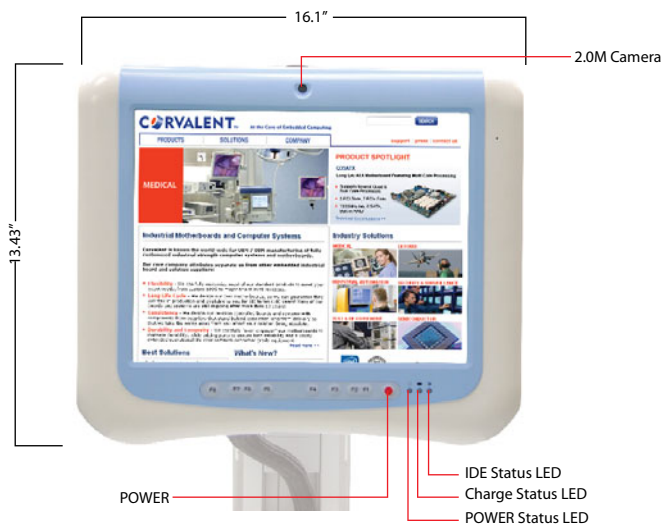
The Corsys-M15 allows for real-time record / network access via encrypted wireless 802.11b/g/n networking, as well as offering bluetooth connectivity for keyboard or wireless diagnostic devices. In addition, the computer features a 2.0 mega pixel camera facing toward the operator, as well as a bright LED signal light that can act as an alarm or attention signaling device.



### OUR COMMITMENT TO QUALITY

All Corvalent products are designed and manufactured in an ISO 9001:2000 environment and our medical workstations are backed by a (3) year standard warranty.





## TECHNICAL SPECIFICATIONS

<b>Processor</b>	Intel® Celeron M CPU 432 1.06GHz (Fanless), Intel® Core™ 2 DUO CPU up to T7400 2.16GHz, 4MB L2 Unified, FSB667/533MHz	<b>AC/DC Adapter</b>	AC input: 90 - 264VAC (Full Range), Frequency: 47 - 63Hz, DC input: 100W (max.) 5A/20VDC, Input Current (rms) 1.25A/115VAC, 0.5A/230VAC (max.)
<b>System Memory</b>	Two (2) 200 pin SO-DIMM , up to 4GB Dual Channel DDR2 SDRAM 667/533/400MHz	<b>Batteries</b>	7200mAH Li-battery pack built-in
<b>OS Support</b>	Windows® Vista Windows®XP Tablet PC Edition	<b>Dimensions</b>	409 x 58 x 341 mm (16.1" x 2.28" x 13.43")
<b>Storage</b>	One (1) 2.5" SATA HDD bay One (1) Slim Type DVD Combo (optional) USB Dom: 4GB/8GB (optional)	<b>Ethernet</b>	One (1) Realtek 8111B PCI-Express GB LAN
<b>Display</b>	15" TFT Color LCD/1 Channel 18 bit LVDS, 1024 x 768 XGA Max Resolution, 262, 144 colors, 120 View Angle, 500:1 Contrast Ratio	<b>Humidity/Temp</b>	Operating Temp: 0 - 40°C (32 - 104°F), Operating Humidity: 5 - 95% (non-condensing)
<b>Audio</b>	HDA Codec, Mic-in/Line-out, Internal 2 x speakers (1.5W), Microphone built-in	<b>Drop Sustainable</b>	Vibration: 17 to 500Hz, 1G PTP, Shock: 10G/[eak (11m sec), Construction: Plastic, Mounting: VESA-75/100 compatible, Front Panel: IP54 splash-proof, dust resistant
<b>Touch Screen</b>	Analog Resistive, 80% Light Transmission, Controller Interface: USB Interface, Driver Support: Windows/Linux	<b>Certifications</b>	UL60601-I-I/EN60601-I-I/EN60601-I-I-2/RoHS
<b>VGA Controller</b>	Intel® GMA950 Video Controller, up to 192MB shared memory	<b>Part Numbers:</b>	CSM15
<b>I/O Ports</b>	AC input, DC output		
<b>I/O Devices</b>	Four (4) RS-232 w/isolation Four (4) USB 2.0 ports One (1) PS2 K/B and Mouse One (1) RJ45 One (1) DB15 One (1) DVI One (1) RJ11 for input, One (1) RJ11 for output One (1) Wireless LAN 802.11b/g/n One (1) Bluetooth module by USB interface One (1) Smart Card Reader One (1) 2.0 megapixel camera One (1) PCIe Mini-card (USB 2.0 or PCIe interface)		