

# Introducing the MediSlate™ MCA i1040XT

A new tool designed to enhance  
healthcare workflow efficiency



MediSlate™ MCA i1040XT, shown with optional docking station, features Intel® Centrino Mobile® Technology.

Based upon the mobile clinical assistant reference architecture (MCA) developed by Intel®, the **MediSlate™ MCA i1040XT** was designed for the rigors of today's demanding healthcare environments in order to improve patient care by optimizing workflow efficiencies and easing clinician workloads. Traditionally, medical professionals have utilized paper charts, stationary desktop PCs and equipment wheeled around on bulky carts to perform common activities including collecting patient history, monitoring medications, reviewing test results and x-rays, and updating patient information. Using a MediSlate™ MCA in tandem with their existing EMR systems, nurses and clinicians are able to perform these same tasks easily and directly at the point-of-care by inputting data via its 2D/1D barcode scanner, 2.0 megapixel camera and resistive touch screen; all while receiving required data via built-in Wi-Fi® wireless networking or Bluetooth®.

The **MediSlate™ MCA i1040XT** is a full powered computing device encased in a semi-rugged, sealed and IP54 rated smooth surface enclosure that enables it to be easily wiped clean and disinfected to reduce the spread of germs.



## Hardware Specifications

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<b>Processor:</b>	Intel® Core™2 Solo ULV U2100 1.0MB (on-die) L2 cache   533MHz Front Side Bus Intel® Virtualization Technology   Intel® 64 Architecture Enhanced Intel Speedstep® Technology
<b>Chipsets:</b>	Mobile Intel® 945GME Express Chipset with 82801GBM I/O Controller Hub (ICH7M)
<b>Memory:</b>	1x 200-pin DDR2 533/667 MHz SODIMM Socket 2.0 GB standard
<b>Battery:</b>	2x Modular battery bays, Hot Swappable 2x 3-cell Lithium-Ion high capacity battery packs (3S1P) Rated 2,400mAh @ 2.25 hours each
<b>Hard Drive:</b>	80GB, 1.8" 4,200 rpm SATA Hard Drive Features G sensor to park drive heads in case of free fall 32GB Solid State Drive (SSD) optional (special order)
<b>Video:</b>	Integrated Intel® 3.5 Gen graphics engine and Intel® GMA 950 250MHz core render clock and 200MHz core display clock Dynamic Video Memory Technology 3.0 Up to 224 MB shared video RAM Microsoft® DirectX® 9.1 support
<b>Display:</b>	10.4" XGA (1024 x 768) TFT LCD display with LED Backlight Luminance: 165 nits (minimum) to 240 nits (typical) Sunlight Readable Display standard Front panel ambient light sensor automatically adjusts screen brightness to maximize battery life (configurable in BIOS) G sensor for automatic screen rotation (0°/90°/180°/270°)
<b>Audio:</b>	Built-in 1W speaker and stereo microphone array
<b>Wireless:</b>	Intel® Pro Dual Band (2.4/5.0 GHz) 802.11a/b/g/n Networking Bluetooth® 2.1+EDR built-in module with Power ON/OFF button Optional 3G data module for WWAN capabilities
<b>Touch Screen:</b>	4 wire resistive touch screen with anti-glare surface Palm rejection technology for more precise navigation and data input Manual and automatic lock/unlock for added security
<b>I/O Devices:</b>	2.0 MPixel camera with auto focus (7cm ~ infinity) and video capture 2D Barcode scanner with 1D barcode support RFID reader with ISO 14443A/B and ISO 15693 compatibility Validity Sensors, Inc. Fingerprint Reader
<b>I/O Ports:</b>	1x DC-In Docking Station Connector (VESA Mountable Dock provides 4x USB 2.0, 10/100 Ethernet, Power, 2x battery charging slots, security lock slot)

## Software Specifications

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<b>Operating System:</b>	Microsoft® Windows Vista® Business (includes SP1) Microsoft® Windows® XP Embedded (Special Order)
<b>Applications:</b>	PlazaLOGIC Eyesboard™ 2.0 Virtual Keyboard Digital Persona Personal

## Accessories

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<b>Included:</b>	2x 3-Cell Lithium-Ion High Capacity Batteries AC Adapter with Power Cord Set Quick Start Guide Tetherable Stylus Pen 1 Year Limited Warranty, Parts & Labor
<b>Optional:</b>	VESA Mountable Docking Station with I/O Ports 3G Data Module with SIMM Card slot

## Physical Characteristics

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<b>Weight:</b>	1.47 kg (3.25 lbs.) with 2 batteries + 3G module
<b>Measurements:</b>	270 mm x 256 mm x 35.335 mm (10.63 in x 10.08 in x 1.39 in)
<b>Color:</b>	White with gray trim and control panel
<b>LED Indicators:</b>	Power (ON: green, Standby: blinking) Battery (Charging: red, Low: red blinking) Fully charged with DC connected: green, Fully charged without DC connected: OFF) RFID Reader (ON: green, OFF: OFF) Wireless Networking (ON: green, OFF: OFF)
<b>Buttons: (Top) (RF)</b>	RFID Reader On, Barcode Reader On Power, Bluetooth® Transmitter, Camera, Function Key, D-stick, 3x User Programmable, SAS/Security Key
<b>Environmental:</b>	Operating Temperature: 5°C ~ 35°C Storage Temperature: -20°C ~ 60°C Operating Humidity: 10% ~ 90% Drop rated up to 4 feet Rated: IP54, Meets MIL-STD-810F standards Device enclosure can resist alcohol (≤ 80%), bleach, iodine and common hospital disinfectants.



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