

ADITI Battery-Powered Mobile Computer

Integrated LCD Computer for Mobile Computing Solutions



The ADITI Integrated LCD mobile computer is designed to provide mobility to your existing applications, and is ideal for use in healthcare, manufacturing and warehousing environments.

With screen sizes ranging from 17" to 22", these powerful units can be configured with multiple operating systems, including Windows Embedded Standard 7.

The ADITI is highly energy efficient with a total power consumption of well below 30W.

The ADITI includes a 280Wh Li-Ion polymer battery, with a monitoring interface cable, battery charger, and mounting hardware; and can be used seamlessly on carts and nurse stations from reputable Thinlabs-approved cart manufacturers.



High Performance - Low Powered - Green Computing Solutions

KEY FEATURES

- OVER 18 HOURS OF OPERATION FROM A SINGLE CHARGE*
- INTEL DUAL CORE TECHNOLOGY
- VERY LOW ENERGY CONSUMPTION
- 17", 19" WXGA or 22" WXGA DISPLAY
- TOUCH and NON-TOUCH MODELS
- BUILT-IN BATTERY SAFETY FEATURES
- PRIVACY FILTER optional for HIPAA COMPLIANCE
- WRITE-PROTECTED FILE SYSTEM
- INTERNAL BLUETOOTH 4.0 / WI-FI A/B/G/N/AC DUAL BAND COMBO
- EN60601-1-2 CERTIFIED
- REMOTE DEVICE MANAGEMENT USING THINLABS DEVICE MANAGER

SOFTWARE

- Windows Professional 7 or WES 7
- Latest Citrix XenApp client
- Latest VMWARE View Client
- Latest RDP Client
- Internet Explorer with popular plug-ins
- Sun JRE
- Microsoft .net Framework
- Windows Media Player
- Large On-screen Keyboard
- Enhanced Write Filter Manager

HARDWARE

- Intel Dual Core 1.6 GHz technology
- 2 GB DDR3 Memory (expandable to 4 GB)
- 8 GB SATA DOM (expandable to 64 GB SSD)
- 10/100/1000 Auto-sensing Megabit Ethernet
- Internal Bluetooth 4.0 / Wi-Fi a/b/g/n/ac Dual Band Combo

POWER

- 280Wh Li-On polymer battery - Lasts up to 18 hours* on a single charge

EXTERNAL PORTS

- Gigabit Ethernet - RJ45
- 6 USB ports
- VGA port
- RS-232C Serial Port
- Optional 2nd Serial or Parallel Port
- DC Power in

GRAPHICS / TOUCH SCREEN

- 17": Up to 1280 x 1024, resistive touch screen
- 19" WXGA: Up to 1366 x 768, infrared touch screen
- 22" WXGA: Up to 1920 x 1080, optical multi-touch screen
- 32-bit color

REGULATORY/ ENVIRONMENTAL

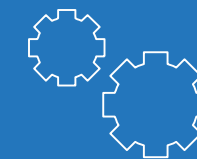
- CE / FCC B / EN60950 / RoHS Compliance
- Operating: 41°F to 95°F
- Storage: -10°F to 140°F
- 90% max, non-condensing convection cooling
- Fanless design
- Energy saving support

ADDITIONAL OPTIONS

- Black or White Anti-Bacterial Plastics
- Privacy Filter (for HIPAA compliance)
- Conformal Coating (for Industrial environments)
- Bar Code or Mag Stripe Reader
- 280 Wh Lithium Ion Battery

BATTERY SPECS:

Cell Type	Li-Ion Polymer
Nominal Capacity	280Wh
Input / Output Voltage	15V ± 5% / 12V ± 5%
Input / Output Current	5.0A ± 10% / 4.0A ± 5%
Charging Voltage / Current	12.6V / Max 5.0A ± 5%
Charging Time	5-6 Hrs for full charge
Operating Temperature	Charge: 0 to 45°C Discharge: -20 to 60°C
Storage Temperature	-20 to 60°C (< 3 months) 25 ± 3°C (< 1 year)
Cycle Life	0.5C charge / discharge, 300 cycle minimum
Weight	2350g (approx.)
Dimensions (l x w x h)	315 x 235 x 32.5mm
Leakage Current	≤ 1ma
Discharge Output Port	DC Plug ID 2.0 x OD 6.0mm
Communication Port	Mini-B USB Receptacle
Over Charge Voltage Protection	4.28V
Over Discharge Voltage Protection	2.8V
Over Charge Current Protection	6A
Over Discharge Current Protection	6A
Output Short Circuit Protection	20A
Input Over Voltage Protection	18V
Input Reverse Charge Protection	Delay Time 10ms
Over Charge Temperature Protection	50°C ± 5°C
Over Discharge Temperature Protection	70°C ± 5°C
Over Charge Time Protection	20 Hours



CUSTOM SOLUTIONS

Get in touch with us to discuss your options with custom hardware and software specifications.



ONLINE ACCESS

Check out our product portfolio at thinlabs.com

Customer service is our #1 priority. Check out support.thinlabs.com for our dedicated customer service portal.



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