

# IP-MT1255

12.1" Intel Atom™ N270 Portable Medical PC with Resistive Touch Screen



◀ New!!

## Features

- Healthcare-oriented Security System Applicable
- Redundant Battery (Internal + Hot-Swappable External Battery) w/ Long Battery Life (3.5hrs)
- Slip-Free Grip for Easy Handling
- Ultra-light (1.6kg with Internal + External Battery)
- Multi Connectivity (Bluetooth/WLAN)
- Integrated 2D Barcode Scanner, 2.0 Megapixel Camera, RFID Reader
- Biometric Fingerprint Validation for Access Control
- Multi-Expansion by Docking Station (1 x LAN/1 x RS-232/3 x USB/1 x VGA/1 x Charging Bay)
- Automatically Lock/Unlock with Biometric Recognition

## System

|                            |   |
|----------------------------|---|
| <b>CPU</b>                 | Intel ATOM™ N270, 1.6 GHz FSB 400/533MHz 512K Cache   |
| <b>Graphics Controller</b> | Intel 945GSE  |
| <b>Memory</b>              | 1 x 200-pin SO-DIMM DDR2 1GB memory (module installed)  |
| <b>Chipset</b>             | Intel 945GSE + ICH7M  |
| <b>Audio</b>               | Azalia HD ALC888 Audio  |
| <b>Storage</b>             | 1 x 1.8" IDE HDD 60G installed  |
| <b>Connectivity</b>        | 1 x Realtek 8111C-VC-GR PCI-E GbE LAN<br>1 x 802.11 b/g/n Mini PCIe Wireless LAN card<br>1 x Bluetooth module |
| <b>Security</b>            | Biometric recognition by fingerprint scanner  |
| <b>Camera</b>              | Color, 2.0 Megapixel CMOS Camera  |
| <b>RFID</b>                | 13.56MHz RFID Reader with ISO 15693 support   |
| <b>I/O</b>                 | 1 x USB 2.0 port  |
| <b>Battery</b>             | Internal 2000mAh 3-cell Li-battery<br>External 2000mAh 4-cell Li-battery                                      |

## Switches & Buttons

|                      |   |
|----------------------|---|
| <b>Function Key</b>  | 1 x 5-way function key (brightness/volume/WLAN on/off)<br>1 x Screen security lock button<br>1 x Input type (Chinese/Alphanumeric) selection button<br>1 x Audio record button<br>1 x Video record button<br>1 x SAS button (Ctrl + Alt + Del)<br>1 x Camera capture button<br>1 x Bluetooth on/off button<br>1 x RFID read trigger button<br>1 x Barcode scan trigger button |
| <b>LED Indicator</b> | 1 x Battery status LED<br>1 x WLAN/RFID on/off LED  |
| <b>Power Button</b>  | 1 x Power on/off button with indicative LED ring  |

## LCD Display

|                        |                                    |
|------------------------|------------------------------------|
| <b>Size</b>            | 12.1" TFT Active Matrix Panel      |
| <b>Luminance</b>       | 200 cd/m <sup>2</sup>              |
| <b>Max. Resolution</b> | 1024 x 768 (XGA) w/ 262,144 colors |
| <b>Viewing Angle</b>   | +70° ~ -70° (H), +55° ~ -70° (V)   |
| <b>Backlight Type</b>  | CCFL                               |

## Touch Screen

|                             |                  |
|-----------------------------|------------------|
| <b>Type</b>                 | Analog Resistive |
| <b>Light Transmission</b>   | 80%              |
| <b>Controller Interface</b> | USB Interface    |

## Power Requirement

|                          |  |
|--------------------------|--|
| <b>Power Input</b>       | DC 19V input by ext. 65W power adapter |
| <b>Power Consumption</b> | 14W (Avg.)                             |

## Mechanical & Environmental

|                               |  |
|-------------------------------|--|
| <b>Operating Temp.</b>        | 0 ~ 40°C (32 ~ 113°F)                            |
| <b>Storage Temp.</b>          | -20 ~ 60°C (-4 ~ 140°F)                          |
| <b>Operating Humidity</b>     | 8 ~ 80% (non-condensing)                         |
| <b>Storage Humidity</b>       | 8 ~ 90% (non-condensing)                         |
| <b>Dimensions (W x D x H)</b> | 307 x 25 x 277 mm (12.09" x 0.98" x 10.91")      |
| <b>Weight (Net)</b>           | 1.6 kg (3.5 lb) with internal + external battery |
| <b>EMI/EMC</b>                | CE/FCC Class B, CCC compliant                    |
| <b>IP Rating</b>              | Front panel IP54 compliant                       |
| <b>Vibration</b>              | 5 ~ 500Hz (3 axes: X, Y, Z), 1G PTP              |
| <b>Shock</b>                  | 10G peak (11m sec.)                              |
| <b>Transit Drop</b>           | under 2.5ft (76cm)                               |

## Ordering Information

|                  |  |
|------------------|--|
| <b>IP-MT1255</b> | 12.1" Intel Atom™ portable medical PC w/ resistive touch screen                          |
| <b>DS-MT1255</b> | Docking station (1 x RJ-45/1 x RS-232/3 x USB/1 x VGA/1 x charging Bay) w/ VESA-75 holes |

All specifications are subject to change without notice.