



## Features

- Healthcare-oriented Security System Applicable
- EN60601-1, EN60601-1-2 Certified
- 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

## Technical Information

### System

<b>CPU</b>	Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
<b>Graphics Controller</b>	Intel® 945GSE
<b>Memory</b>	1GB DDR2-533 SO-DIMM memory installed
<b>Chipset</b>	Intel® 945GSE + ICH7M
<b>Audio</b>	ALC888 Azalia HD ALC888 Audio Codec
<b>Storage</b>	60GB 1.8" IDE HDD installed
<b>Ethernet</b>	1 x Realtek 8111C-VC-GR PCIe Gigabit Ethernet controller
<b>Wi-Fi</b>	1 x 802.11 b/g/n Mini PCIe Wireless LAN card
<b>Bluetooth</b>	Integrated Bluetooth module
<b>Security</b>	Biometric recognition by fingerprint scanner
<b>Camera</b>	Color, 2.0 Megapixels CMOS Camera
<b>RFID</b>	13.56MHz RFID Reader with ISO 15693 support
<b>USB Port</b>	1 x USB 2.0 port

### Button & Indicator

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

### LCD Display

<b>Size/Type</b>	12.1" TFT Active Matrix Panel
<b>Max. Resolution</b>	1024 x 768 (XGA) w/ 262,144 colors
<b>Luminance</b>	200 cd/m² (typ.)
<b>Viewing Angle</b>	+70° ~ -70° (H), +55° ~ -70° (V)
<b>Backlight Type</b>	CCFL

### Touch Screen

<b>Type</b>	Analog Resistive
<b>Light Transparency</b>	80% (typ.)
<b>Controller Interface</b>	USB Interface

### Power Supply

<b>Adapter In</b>	100 ~ 240VAC (Full Range)
<b>Adapter Out</b>	19VDC, 3.42A, 65W (Max.)
<b>Battery Type</b>	Li-battery pack
<b>Battery Capacity</b>	Internal 1880mAh 3-cell External 1880mAh 4-cell
<b>Battery Operating Time</b>	3.5 hours

### 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>Certification</b>	CE/FCC Class B, CCC, EN60601-1 EN60601-1-2 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.)

### Ordering Information

<b>M1255/N270-C22</b>	12.1 Intel® Atom™ N270 portable medical PC w/ resistive touch screen, 65W power adapter, docking station (1 x RJ-45/1 x RS-232/3 x USB/1 x VGA/1 x charging Bay) w/ VESA-75 holes
<b>BAT-1255</b>	External 1880mAh 4-cell Li-battery