

M1255

12.1" Intel® Atom™ N270 Portable Tablet PC for Mobile Clinical Assistant



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 Megapixels 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

CPU	Intel® Atom™ N270 1.6GHz CPU with 533MHz FSB
Graphics Controller	Intel® 945GSE
Memory	1GB DDR2-533 SO-DIMM memory installed
Chipset	Intel® 945GSE + ICH7M
Audio	ALC888 Azalia HD ALC888 Audio Codec
Storage	32GB 1.8" SSD installed

Peripherals and Devices

USB Port	1 x USB 2.0 port
Camera	Color, 2.0 megapixels CMOS Camera
RFID	13.56MHz RFID Reader with ISO 15693 support
Ethernet	1 x Realtek 8111 PCIe Gigabit Ethernet controller
Wi-Fi	1 x 802.11 b/g/n Mini PCIe Wireless LAN card
Bluetooth	Integrated Bluetooth module
Barcode Scanner	1 x 2D Barcode Scanner
Security	Biometric recognition by fingerprint scanner

Button & Indicator

Function Key	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

LED Indicator 1 x Battery status LED

1 x WLAN/RFID on/off LED

Power Button 1 x Power on/off button with indicative LED

LCD Display

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

Touch Screen

Type	Analog Resistive
Light Transparency	80% (typ.)
Controller Interface	USB Interface

Power Supply

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

Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 113°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	8 ~ 80% (non-condensing)
Storage Humidity	8 ~ 90% (non-condensing)
Dimensions (W x D x H)	307 x 25 x 277 mm (12.09" x 0.98" x 10.91")
Weight (Net)	1.6 kg (3.5 lb) with internal + external battery
Regulatory	CE/FCC Class B, CCC, EN60601-1 EN60601-1-2 compliant
IP Rating	Front panel IP54 compliant
Vibration	5 ~ 500Hz (3 axes: X, Y, Z), 1G PTP
Shock	10G peak (11ms)

Ordering Information

M1255/N270-C22	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
BAT-1255	External 1880mAH 4-cell Li-battery