

M1042

10.4" Intel® Atom™ N2800 Mobile Clinical Assistant



Features

- eHealthcare and Clinical Assistant Application
- Lifetime Guarantee Anti-bacterial Protection (Against Escherichia Coli & Staphylococcus Aureus)
- Soldered Onboard Intel® Atom™ Dual Core N2800 Processor
- EN60601, UL60601-1 Certified
- Redundant Battery (Internal + Hot-swappable External Battery) w/ Long Battery Life (6.5 hrs Max.)
- Slim Appearance - Ultra-light Weight (1.3kg) and Ultra-slim (26mm) ; Slip-free Grip for Easy Handling
- 2D Barcode Scanner, 2.0 Megapixels Camera, RFID Reader

System

CPU	Intel® Atom™ N2800 1.86GHz processor
Memory	2GB DDR3 SO-DIMM memory module installed
Chipset	Intel® NM10
Audio	2 x 1.5W Speakers, 1 x built-in Digital Microphone
Storage	32GB mSATA SSD installed

Peripherals and Devices

USB Port	1 x USB 2.0 port
Camera	1 x 2.0 megapixels CMOS camera (front) 1 x 2.0 megapixels CMOS camera w/ auto-focus (rear)
Wi-Fi	1 x 802.11 a/b/g/n Mini PCIe Wireless LAN card
Ethernet	1 x Realtek RTL8111E Gigabit Ethernet controller (via DTC-1040 or VMC-1040)
RFID	13.56MHz RFID reader with ISO 14443A/14443B/15693 support (optional)
GSM/UMTS	1 x HSPA 3.75G (optional)
Bluetooth	1 x Bluetooth 2.1 module
Barcode Scanner	1 x 2D Barcode Scanner
Smart Card Reader	1 x Smart Card Reader (optional)

Button & Indicator

Function Key	1 x 5-way function key 1 x RFID on/off button 1 x Barcode scan trigger button 4 x Programmable function keys (F1 ~ F4) Default setting: referring to User Manual
LED Indicator	1 x Battery status LED 1 x Bluetooth LED 1 x WLAN/RFID on/off LED 1 x Power on/off LED
Power Button	1 x Power on/off button with indicative LED ring

OS support

Windows Embedded Standard 7
Windows Embedded Professional 7
Linux Ubuntu and Fedora compatible

LCD Display

Size/Type	10.4" TFT Active Matrix Panel
Max. Resolution	1024 x 768 (XGA) w/ 262,144 colors
Luminance	340 cd/m² (typ.)
Contrast Ratio	600:1 (typ.)
Viewing Angle	+89° ~ -90° (H), +89° ~ -90° (V)
Backlight Type	LED

Touch Screen

Type	Resistive Touch Screen for M1042R Projective Capacitive Touch Screen, adopting Corning® Gorilla® Glass tech. for M1042C
Digitizer	10.4" Electromagnetic Digitizer (only for M1042R)

Power Requirement

Adapter Input	100 ~ 240 VAC (Full Range)
Adapter Output	20VDC, 3.0A, 60W
Battery Type	Li-battery pack
Battery Capacity	Internal 1880mAh 3-cell External 1880mAh 4-cell
Battery Operating Time	6.5 hours (Max.)

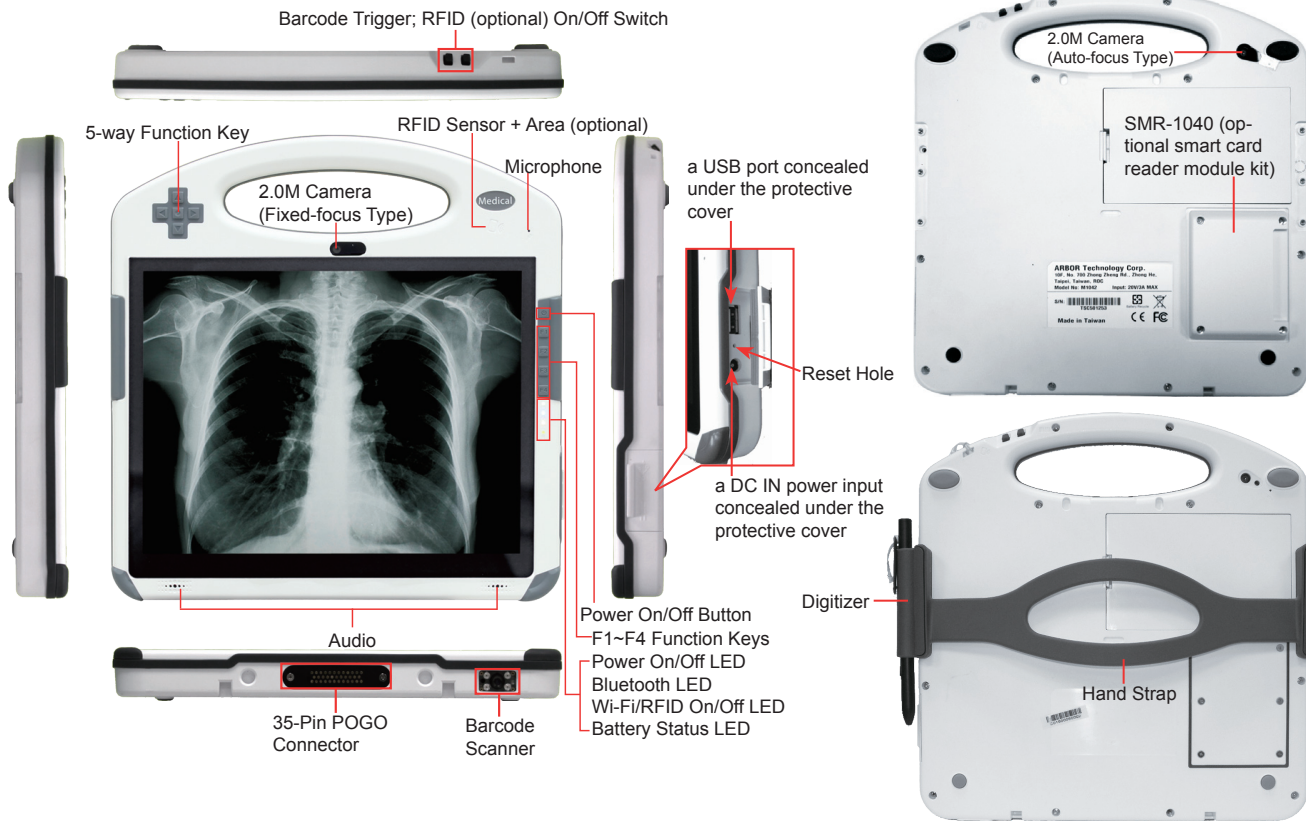
Mechanical & Environmental

Operating Temp.	0 ~ 40°C (32 ~ 104°F)
Storage Temp.	-20 ~ 60°C (-4 ~ 140°F)
Dimensions (W x D x H)	256 x 26 x 255 mm (10.08" x 1.02" x 10.04")
Weight (Net)	1.3 kg (2.8 lb) w/ batteries (internal + external)
Regulatory	CE, FCC Class B EN60601-1, EN60601-1-2, UL60601-1
IP Rating	IP54
Vibration	5 ~ 500Hz, 3G random operation
Shock	30G peak (11m/sec)
Transit Drop	3ft (90cm) drop to Concrete, 5 sides all pass except the front panel side
Operational Altitude	below 2000m

Ordering Information

M1042R	10.4" MCA tablet with Resistive Touch Screen, WiFi, BT, Front & Rear Cameras, Digitizer, External Battery, Internal Battery, Barcode Scanner
M1042C	10.4" MCA tablet with Projective Capacitive Touch Screen, WiFi, BT, Front & Rear Cameras, External Battery, Internal Battery, Barcode Scanner





Standard Accessories

PAC-M060W

60W Medical grade AC/DC adapter kit

HSK-1040

Hand strap kit

eBAT-1040

External 1880MAH 4-cell Li-battery

DGT-1040

10.4" Digitizer with Battery Free Pen (only for M1042R)

Optional Accessories

VMC-1040

RAM-ball mount cradle

DMK-1040

Bracket used to convert the VMC-1040 to Desktop station

DTC-1040

Desktop cradle

VSU-1040

VESA Mount Transfer Bracket for VMC-1040

Optional Configuration (CTOS Kit)

SMR-1040

Smart card reader module kit

RFID-1040

RFID module kit

HSUPA-1040

HSUPA 3.75G module kit

*CTOS means Configure to Order Service.

» Electromagnetic Digitizer with Resistive Touch



» Slim Appearance, Slip-free Grip for Easy Handling

