

Specifications:

System

| | |
|----------------------------|---|
| CPU | Intel® Atom™ Z510 1.1GHz CPU with FSB 400MHz |
| Graphics Controller | GMA 500 Integrated |
| Memory | Soldered Onboard 1GB DDR2-667 SDRAM |
| Chipset | Intel® System Controller Hub US15W |
| BIOS | AMI BIOS |
| Audio | ALC888-GR Azalia HD Audio CODEC |
| Ethernet | Realtek RTL8111B Gigabit Ethernet controller |
| Storage | 4GB Industrial Compact Flash (default) 60GB 1.8" IDE PATA Slim HDD (optional) |
| Camera | 1 x 1.3 megapixel CMOS Camera w/Mic (front) 1 x 2.0 megapixel CMOS Camera w/o Mic (back) |
| Wi-Fi | Integrated WLAN 802.11 b/g/n (USB interface) |
| Bluetooth | Integrated Bluetooth 2.0 + EDR (USB interface) |
| GSM | Support HSUPA (3.75G) (optional) |
| RFID | Integrated ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec) |

Peripherals and Devices

| | |
|---------------------------|---|
| Serial Port | 1 x RS-232 port |
| USB Port | 2 x USB 2.0 ports |
| Docking Connection | 1 x 35-pin pogo board for connection with docking station |
| SIM Socket | 1 x SIM socket (located underneath the battery pack) |

Button & Indicator

| | |
|----------------------|---|
| LED Indicator | 5 x LEDs on front panel (Power, Storage/Battery/RFID/Bluetooth) |
| Function Key | 8 programmable function keys on front panel (brightness up and down, volume up and down, mute on/off, bluetooth on/off, Wi-Fi on/off, touchscreen on/off) |
| Power Button | 1 x Power on/off switch on the bottom right 1 x Reset switch on the top right |
| RFID Button | 1 x RFID on/off switch on the top left |

LCD Display

| | |
|------------------------|--------------------------------------|
| Size/Type | 7" wide active matrix TFT |
| Max. Resolution | 1024 x 600 (WSVGA) w/ 262,144 colors |
| Luminance | 375 cd/m ² (typ.) |
| Contrast Ratio | 400 : 1 |
| Backlight Type | LED |

Touch Screen

| | |
|-----------------------------|------------------|
| Type | Analog Resistive |
| Light Transparency | 73% (typ.) |
| Controller Interface | USB Interface |

Power Supply

| | |
|-------------------------------|---------------------------|
| Adapter Input | 100 ~ 240VAC (Full Range) |
| Adapter Output | 20VDC, 4.5A, 90W |
| Battery Type | Li-battery pack |
| Battery Capacity | 2600mAh 4-cell |
| Battery Operating Time | 4 hours |

Mechanical & Environmental

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|-------------------------------|--|
| Operating Temp | 0 ~ 45°C (32 ~ 113°F) |
| Storage Humidity | 5 to 95% (non-condensing) |
| Dimensions (W x D x H) | 210 x 36 x 160 mm (8.26" x 1.42" x 6.29") |
| Gross Weight | 1 kg (2.2 lb) |
| Vibration | 1 Grms/ 5 ~ 500Hz/ random operation |
| Shock | 10G peak acceleration (11 msec. duration) |
| Transit Drop | 122cm (4 feet) drop to wood, 5 sides all pass, except the front panel side |
| IP Rating | IP54 compliant |
| Certification | CE/FCC Class B/EN60601-1/EN60601-1-2/UL60601-1 compliant |



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