

RUGGED TOUCH RT4100 TABLET PC



The RT4100 Rugged Handheld Mobile Tablet PC from Camtech delivers dependable computing in the harshest of environments. With its rugged design, fan less operation and rubber protection covers the RT4100 is the ideal tool for your field work staff. Featuring Intel® Atom™ CPU up to 1.86 GHz with 512 KB on-die L2 cache, the RT4100 provides a powerful mobile computing platform. Utilising an 8.4 in TFT sunlight readable screen the unit is ideal for use outside, or in high levels of ambient light.

The RT4100 has build-in 802.11/b/g/n WIFI and Bluetooth to enhance its mobility and smooth data access.

The RT4100 utilises TPM encryption and Fingerprint recognition, to further protect the machine and its data.

The battery life can provide a full days operation giving 4 - 8 hours run time depending upon power saving options.

To extend its functionality even further the RT4100 is available with a docking connector providing USB, PCI-Express and SDVO ports, while the expansion slots include a Mini Card Socket.

The unit is an ideal partner in numerous applications including Point of Sale, Retail, Logistic and much more.

SPECIFICATIONS

CPU Support

Intel® Atom™ 900 MHz~1.86 GHz with 512 KB on-die L2 cache, 400MHz / 533MHz FSB (0.6W~2W)

Chipset

Intel® System Controller Hub US15W (single chip integrated graphics and I/O controller)

ITE8512E Embedded Controller

Main Memory

1 x 200-pin DDR2 SO-DIMM socket, up to 2 GB SDRAM

Storage

1 x 1.8" HDD (8mm ZIF) PATA interface

1 x Compact Flash Disk (Optional)

Audio

ALC888-VC2-GR HD Codec

AC '97 Compatible

1 x external MIC-in and 1 x external Line-out

Display

Intel® System Controller Hub US15W ultra low power controller integrated with 2D & 3D HW accelerator and high definition hardware video decode engine, UMA up to 256 MB

Internal LVDS display port and SDVO expansion port Supports dual independent display (LVDS + SDVO)

LVDS: supports IGD to communicate directly to an on-board flat panel display supports 800x600 SVGA 18bit TFT LCD,

Touch Screen: Analogue Resistive 4 wire sunlight readable touch screen

Ambient light sensor for LCD backlight control

I/O

3 x External USB 2.0 port

1 x Bluetooth Module V 2.0 + EDR

1 x Finger Printer Sensor

1 x P-ATA ZIF Connector for 1.8" HDD or Compact Flash Disk

1 x MIC-in / Line-out

1 x 1.3 M CMOS Camera

1 x 19V DC power input

. 1 x 3.5G Module (optional)

. 1 x WiFi Module

. 1 x GPS Module (optional)

. 1 x 60-pin board to board connector for docking station

. 1 x RFID Module (optional)

. 1 x Barcode scanner (optional)

. 1, 2, or 4 x RS-232 / RS-485 serial ports (optional)

I/O Interface-Front

. Power on/off Status (Blue LED on power switch)

. Battery Status (Green LED: Battery Discharged / Glows

Orange: charging / fully charged: Battery LED turns off)

. Battery Low (Battery LED: Glows Green and Power

LED Glows Blue)

. Wireless on/off LED (Orange LED on Wireless on/off switch, Glows Orange when being accessed)

. Hard Disk Drive Status (Green LED: Glows Green

HDD is being accessed)

. 6 x Programmable function keys

. Navigation key

. Power ON/OFF switch

. Wireless ON/OFF switch

Expansion Slot

. Bus Interface: PCI, PCI-e SDVO and USB 2.0

. Docking Connector:

2 x USB 2.0

2 x RS-232

1 x VGA port

1 x Mini card socket

DC-in 19V power input

Power Input

. Power Input Voltage: DC 19V/3.42A

. Power Output: 65W (Max)

. Internal Battery: Rechargeable 3 Cell (3S1P) Lithium Ion Smart Battery Pack(2600 mAh @ 11.1V, 28.86W/hr) Over Charge Protection, Over Discharge Protection, Over Current and Output Short Protected

. External Battery: Rechargeable 6-Cell (3S2P) Lithium Ion Smart Battery Pack (5200 mAh @ 11.1V, 57.72W/hr) Over Charge Protection, Over Discharge Protection, Over Current and Output Short Protected

Dimensions

. 280 x 208 x 43 mm

. Weight: 1.7 Kg

Construction

. Plastic – upper and lower housing (ABS + PC)

. Colour: Black (1 colour for top cover and bottom Logo position - silk screen on surface)

Environment

. Operating temperature: -20°C to +50°C

. Relative humidity: 5% to 95% (Non-condensing)

. Dust & Water Proof: IP54

. Drop: 4 feet (1.2m)

Certifications

. CE approval

. FCC Class B



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