

Bluebird 1250

Wireless mobile computing is the biggest growth opportunity in the history of computing. Are you getting your share?

Compucon Bluebird puts a complete computer system in one hand:

- **Windows CE** (including Web & Email)
- **Wireless LAN**
- **Printer**
- **Barcode Scanner**
- **Credit / Magnetic Card Scanner** (optional)

Special Features

OS	Microsoft® Windows® CE .NET 4.2
WIRELESS	WLAN 802.11b
PRINTER	2-inch Thermal Printer
BARCODE	1D Reader/Decoder, Class 2 Laser
MSR	(Magnetic Strip Reader) ISO 7810 Track 2, 3 Card Reader
CPU	Intel® XScale® Technology 400MHz
MEMORY	RAM 64MB ROM 128MB
DISPLAY	3.5 inch TFT LCD 240 x 320 pixels 65,000+ colours
INPUT	Touch Screen Function Keys Expanded Keypad
INTERFACE	SD Slot IrDA USB RS-232C



Specifications

Physical Characteristics

DIMENSIONS	77.50mm (W) x 214.34mm (L) x 57.24mm (H)
WEIGHT	461g (with battery & paper roll) / 425g (with battery)
DISPLAY	3.5inch TFT LCD 240 x 320 pixels 65,535 colours
BACKLIGHT	LED Backlight
MAIN BATTERY	2000mAH Rechargeable Li-Ion Stand-by time : 14hrs (Wireless LAN power save mode) /17hrs (standby mode) / 20hrs (Dummy Idle mode)
BACKUP BATTERY	Lithium battery (rechargeable), 100mAH (3.0V)
MSR	ISO 7810 Track 1,2 card reader
PRINTER	Built-in 2 inch Thermal Printer

Performance Characteristics

CPU	Intel® XScale® 400 MHz processor
OPERATING PLATFORM	Microsoft® Windows® CE .NET 4.2 (English/Traditional Chinese/Simplified Chinese/Thai/Spain)64MB RAM / 130MB ROMSD Slot (SD Memory Card only, SDIO not supported)
COMMUNICATIONS	Interface: PDA (IrDA 1.1 / RS-232C / USB Client)Cradle (RS-232C port "9-pin D-SUB female" USB port)WLAN: IEEE 802.11b
AUDIO	Mono (Speaker integrated)
NOTIFICATION	LED, Speaker
1D DECODE CAPABILITY	UPC / EAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, CodeBar, PDF417 (2D only), MSI Plessey
LED DISPLAY	Upper both sides (Green and Orange and RED)
SCAN TRIGGER	Left trigger buttons
Environmental	
OPERATING TEMPERATURE	-20° to 50°C (or better depending on the application)
HUMIDITY	5% to 60% relative humidity (noncondensing)
DROP SPECIFICATION	12 times drop to 1.2m concrete
Wireless Data Communications	
WLAN STANDARDS	IEEE 802 Part 11b (802.11b)
ANTENNA CONNECTOR	One antenna connector, no diversity supported
DATA RATES	1, 2, 5.5, 11 Mbps (802.11b HR)
MEDIUM ACCESS PROTOCOL	CSMA / CA (Collision Avoidance) with ACK
FREQUENCY BAND	2.412 - 2.484GHz
SELECTABLE CHANNELS	14 Channels
MODULATION	DSSS (Direct Sequence Spread Spectrum), DBPSK, DQPSK, CCK
SUPPORTED RATES	1, 2, 5.5, 11 Mbps
MAXIMUM RECEIVE LEVEL	3dBm
RECEIVE SENSITIVITY	-84dBm
OUTPUT POWER	15dBm +/- 1 dBm
ANTENNA	2.4GHz frequency (WLAN)
Peripherals and Accessories	
BATTERY	2000mAh Rechargeable Lithium-ion (7.4V drive power)
CRADLE	This USB-cable integrated cradle can be connected to PC, comes with RS-232C connector. It enables communication during charging mobile computer with USB Connector and RS-232C Connectors. For user's convenience, mobile computer's battery LED color will turn from orange to green when charging is completed. 5V Power supply supported for one serial port to use external device (ex) Barcode
ADAPTER	Used under 9V drive voltage / 2.5A
ANTENNA	2.4GHz frequency for WLAN
LEATHER CASE	Protects mobile computer from humidity and outside shock / transparent material on keyboard to prevent damage / open design for mobile computer to be easily connected to external accessories
MULTI-CHARGER	4 lots multi-charger / 9.0V input voltage / 8.4V output voltage / LED indicates charging conditions
STYLUS	Soft and rounded tip used to touch screen /reduces injuries on LCD
ROLL PAPER	2.1inch Thermal Printer / Length: 1163mm / Width: 57.5mm / Thickness: 0.05mm
PROTECTION FILM	Protects sensitive TFT-LCD window from scratches and scars



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