



FEATURES:

- Microsoft® Windows® CE .NET 4.2
- Marvell® XScale® Technology Processor - 200MHz standard (400MHz optional)
- 64MB SDRAM (30MB+ used for OS)
- 512MB Compact Flash Built-in (expandable to 4GB+)
- Internal Bluetooth® or WLAN 802.11b/g (option)
- Lithium Battery-backed Real-Time Clock
- 320x240 QVGA-TFT color display with touch screen
- Standard or customized for your application
- IP65
- One (1) Year Warranty

HEIGHT:

9.84 inches (250 mm)

WIDTH (Display area):

4.75 inches (120.7 mm)

WIDTH (KEYPAD AREA):

3.07 inches (78 mm)

DEPTH: 1.83 inches (46.5 mm)

DISPLAY SIZE (Active area):

2.82 x 2.11 inches
(71.62 mm x 53.60 mm)

WEIGHT W/RECHARGEABLE BATTERY:

29.7 ounces (822 grams)

WEIGHT W/ALKALINE BATTERY:

28 ounces (794 grams)

WEIGHT W/O BATTERY:

23 ounces (652 grams)



CUSTOMIZABLE AND RUGGED FOR A WIDE RANGE OF COMMERCIAL AND INDUSTRIAL APPLICATIONS

Designed for one-handed operation, the JETT•ce features a powerful Microsoft® Windows® CE .NET 4.2 operating system, Marvell® XScale® Technology Processor, color sunlight readable display with touch screen technology, and a variety of interface capabilities. The JETT•ce is an ideal solution to meet the complex and varied requirements of a wide range of applications.

The standard 320x240 pixel QVGA-TFT color display is sunlight readable with an LED backlight for easy viewing in high or low light conditions. The touch screen gives you the ability to create GUI based applications—providing unlimited possibilities for user control.

The JETT•ce comes standard with 64MB of SDRAM and 512MB of built-in Compact FLASH which is expandable to 4GB. For removable data storage or I/O cards, the JETT•ce is equipped with a Compact Flash (CF) slot.

Featuring a variety of interface options, the JETT•ce comes standard with one RS-232 serial port. For applications that require dual serial port capability, a second serial port configured as RS-232, RS-422 or RS-485 is available.

The JETT•ce comes standard as a battery powered unit with a rechargeable Nickel Metal Hydride (NiMH) battery pack, which is interchangeable with AA alkaline batteries. A line powered unit is also available.

Two Technologies now provides integrated wireless options for the JETT•ce. You can choose between WLAN 802.11b, Bluetooth® Class 1 or Bluetooth Class 2 when ordering a unit.

Two Technologies offers applications development services to our GEM Partners. Please be sure to contact us for more information.

As with all Two Technologies' products, the JETT•ce is specifically designed for industrial and commercial use. The case is molded from Xenoy®, one of the most durable, chemical-resistant materials available on the market today. Securely clamped into place, the keypad surface ensures excellent splash resistance and prevents curling or peeling of the keypad overlay.



JETT^{ce} Specifications

DISPLAY	<ul style="list-style-type: none"> • 320x240 pixel QVGA-TFT color (with white LED Backlight) • Touch screen
OPERATING SYSTEM	<ul style="list-style-type: none"> • Microsoft® Windows® CE .NET 4.2
PROCESSOR	<ul style="list-style-type: none"> • Marvell® XScale® PXA255 Technology Processor - 200MHz (400MHz optional)
MEMORY & MASS STORAGE	<ul style="list-style-type: none"> • 512MB Compact FLASH built-in (expandable to 4GB) • 64MB SDRAM (30MB+ used for OS) • Type 2 Compact FLASH Card user accessible
INTERFACE	<ul style="list-style-type: none"> • One RS-232 Serial Port standard • Optional second serial port with a choice of RS-232, RS-422 or RS-485 (IP65 rating not available with second serial port) • Optional internal Wireless LAN 802.11b/g • Optional internal Bluetooth®
POWER	<ul style="list-style-type: none"> • Nickel Metal Hydride Rechargeable batteries 1650 mAh, 7.2V • AA Alkaline batteries (6)(not included w/unit) • Recharge/Line Power: 11 to 18 VDC, 1.5A • 8 hours typical operating time (actual time may vary based on a variety of conditions)
ENVIRONMENT	<ul style="list-style-type: none"> • Storage temperature: -20° to +70°C* (no batteries installed) • Operating temperature: -20° to + 50°C • Charging temperature: 0° to + 40°C** • Humidity: 5-95% (non-condensing) * Temp greater than +55°C dramatically reduces shelf life of battery. ** Fast charge will not start below 0°C.
KEYPAD, SWITCHES & INDICATORS	<ul style="list-style-type: none"> • Standard or custom graphics available • Standard or custom layouts: 45-key membrane (10 rows x 4 columns plus 1 x 5 bottom row), 45-key elastomeric, 30-key elastomeric (10 x 3), 15-key elastomeric (5x3) • Custom layouts available • Feedback: Tactile and audible • Power/Resume switch: 5 programmable LED indicators (2nd, Alt, Caps Lock, Shift, Ctrl), one fixed LED for low battery/charge status (battery unit only) • Optional backlit keypad • 8 Definable "hot keys" can be used to execute or automate programs.
CUSTOM OPTIONS	<ul style="list-style-type: none"> • Customizable options: case color, bumper color, LED logo tag (elastomeric keypad only), keypad layout (quantity of keys and locations), keypad graphics, logo tag, LED colors, serial tag, cables and pin-outs.
CERTIFICATIONS	<ul style="list-style-type: none"> • IP65 Ingress Protection (Independent Lab Tested) • FCC Class A • EN55022, 1998. (CISPR 22) Class A, EN55022/IEC 6100-4-6 RF CONTINUOUS CONDUCTED • EN55024, 1998 - ETSI EN 301489-1,2002 - ETSI EN 301489-3,2002 - EN/IEC 61000-4-2 ESD - EN/IEC 61000-4-3 RF ELECTROMAGNETIC FIELD - EN/IEC 61000-4-4 FAST TRANSIENTS • EN60950:2000 • RoHS Compliant
DEVELOPMENT TOOLS	<ul style="list-style-type: none"> • Visual Studio® 2008 • Visual Studio® 2005 (C/C++,C#, Visual Basic, .NET CF 2.0) • Visual Studio .NET 2003 ((C/C++, C#, Visual Basic®, .NET CF 1.1), eMbedded Visual C++® 4.0)
ENHANCED SOFTWARE OPTIONS	<ul style="list-style-type: none"> • Mobile Remote Device Management • Terminal Emulation
WARRANTY	<ul style="list-style-type: none"> • 1 Year Warranty (extended warranties available)

