DAP MICROFLEX CE8640X ½ VGA Tablet

The MICROFLEX CE8640X from DAP Technologies gives you access to a remarkable productivity tool that helps reduce costs, improve margins and enhance customer service from day one.

This large-screen handheld is a proven enabling technology that delivers simple and versatile mobile solutions for streamlining a wide range of field-based operations such as Field Service and Route Accounting. By pushing data entry into the field you save hours of office-based data entry and reduce paperwork to a minimum. Forget all the time spent correcting data entry errors; collect data and validate at the source.

The MICROFLEX CE8640X has exceptional ergonomics that smooth out repetitive tasks in the field and on the road, and possesses more than enough power to handle any rugged mobile application. Better yet, the tough, rugged MICROFLEX stands up to the rain, mud, snow and accidental bumps and bangs – data is secure and no time is lost on repairs or service. The MICROFLEX's wireless capabilities allow you to perform a variety of mobile computing functions wherever you are.

The ½ VGA colour display supports rich contents and is easy to read both indoors and outdoors.

With the MICROFLEX CE8640X, raise productivity, reduce costs and automate field operations… In any environment.

Key Features

Windows CE.NET 4.2
Intel XScale – PXA255, 400MHz
128MB NAND Flash, 64MB RAM
½ VGA (6.5") STN Transflective colour LCD with backlighting
Ergonomic size and design
2.43lbs with Battery Pack
Battery Life: 2 - 4 Day Typical Operating Time
MIL-STD rugged
Integrated wireless communication options

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FUNCTIONAL

Processor	Intel XScale – PXA255, 400MHz
Memory	12MB NAND Flash – for WIN CE and file system; 64MB RAM; Option- Additional storage via PCMCIA/CF Flash cards and USB connected memory devices
Display	½ VGA (6.5") STN transflective colour LCD with Backlighting; Indoor/Outdoor colour display; Automatic contrast temperature compensation; Optional monochrome display
Pointing Device/ Keyboard	Scratch and shock resistant touchscreen can be used with a stylus or finger; Highly resistant 64-key keypad; Dedicated function keys; Large independent numeric and independent function keys; Optional keyboard backlight
Interfaces	RS232 and USB client via cradle or Serial RS232 at Ethernet via cradle; Serial port RS232 on LEMO type connector; Multi-Function connector in expansion bay
PCMCIA & Compact Flash	User accessible via environmentally sealed expansion bay; 2 type II PCMCIA cards or 1 type III card; hot swappable; 3.3V and 5V card support; ATA Flash Card, Modem, WLAN, and WiFi; CFcard support via adapter; WWAN compatibility
Audio System	Integrated and environmentally sealed speaker; Recording and playback supported by Windows CE Operating System; Optional integrated and environmentally sealed microphone and headset connector
Integrated Communications	Ethernet 10BaseT, 10Mbps; IrDA; Radio ready with provision for internal or external antenna (CDMA:2000, 1xRTT GSM/GPRS)
Expansion Bay	Additional space for integration of custom electronics for specific applications; Multi-function connector, serial, USB I/O, etc.; Dimensions of bay approx: 5.12" (130 mm) x 2.95" (75 mm) x 5" (12 mm)
Operating System	Microsoft Windows CE .NET 4.2

ENVIRONMENTAL (MIL-STD-810)

Temperature	Operating temperature -20°C to 50°C (-4°F to 122°F) Storage Temperature -40°C to 60°C (-40°F to 140°F) with battery - -40°C to 70°C (-40°F to 158°F) without battery
Rain/Water	1M Immersion for 30 minutes as per MIL STD 810F, 512.4 procedure 1; MIL-STD-810F method 506.4 procedure 1 (wind blown rain)
Drop	Meets and exceeds IEC 68-2-32 method 1 (1.2 meter drop onto concrete); Meets and exceeds MIL-STD-810F method 516.5 procedure IV
IP Rating	IP67 compliant

PHYSICAL

Dimensions	Length: 9.05" (23.0 cm), Width: 7.28" (18.5 cm), Depth: 1.97" (5.0 cm)
Weight	2.43 lbs (1100G)

ELECTRICAL

Battery	Rechargeable Lithium-Ion battery pack (user accessible); Battery Life: Typically 1 day operating time; Intelligent fast charge; Integrated charge status and low battery indicator

OPTIONS

Optional Integrated Wireless Communications	12 channel WAAS/EGNOS enabled GPS; Integrated V92 modem with sealed RJ11 connector; Integrated and environmentally sealed microphone and headset connector
Other	Sealed RJ45 connector on case moulding for 10BaseT Ethernet ; RFID Reader; Sealed DB9 (RS232) and USB host connectors; Integrated image scanner for 1D and 2D barcodes; Integrated 1D laser barcode reader; Various communications and charging cradles (office or vehicle); Optional additional storage via PCMCIA/CF Flash cards and USB connected memory devices; Optional monochrome display; Optional keyboard backlight; Integrated and environmentally sealed microphone and headset connector

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rugged systems

Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience