

MICROFLEX CE3240



Ultimate **flexibility**  
Multi-modular PDA



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## Small, flexible, and functional



### Microflex CE3240

#### Do not limit your expectations

Pushing greater quantities of data to field operatives, reducing or eliminating paper forms and improving data security, are all methods used to increase productivity and reduce costs. By streamlining your procedures, reducing management time and improving data reliability, DAP Technologies' Microflex computers will enhance your performance in the field.

The Microflex 3240 has been specifically designed to bring the most from DAP's mobile computing expertise into the featherweight champ of handhelds. Meeting all expectations, it further offers the largest variety of customization hardware modules to feature the most efficient, safe and cost-effective tool for all field co-workers.



Rain/Immersion  
IP65  
MIL-STD-810F



Dust  
IP65  
MIL-STD-810F



Heat  
+50°C/+122°F



Cold  
-20°C/-4°F



Shock  
MIL-STD-810F  
2-meter drop  
onto plywood  
over concrete



Wireless



2 days operation  
under  
typical conditions



- ▶ Intel XScale PXA 255 400MHz processor provides blazing performance.
- ▶ QVGA TFT transfective color LCD display with LED back light, easy to read both indoors and outdoors.
- ▶ 128MB NAND Flash for Windows CE and file system plus 64MB RAM provide ample storage for data and software.
- ▶ Ergonomic 22 key keypad with key grouping functionality to speed up data entry, plus 2 trigger keys.
- ▶ Flexible communications with Ethernet 10BaseT, 10Mbps USB host and slave.
- ▶ Optional wireless: GPRS, CDMA 1xRTT, plus 2 integrated SDIO slots to support WLAN & Bluetooth.
- ▶ 2 under-the-cap expansion ports for custom peripherals.
- ▶ Integrated speaker and headset jack for voice recorder/playback.
- ▶ Wide choice of customization modules: RFID reader, 1D & 2D barcode reading, GPS.
- ▶ Wide temperature range (-4°F / -20°C to +122°F / +50°C)
- ▶ Guarantees unmatched ruggedness, complies with IP65 standards (IP67 optional) and MIL-STD-810F tests.



#### OPTIONS

DAP and its partners offer a multitude of standard or personalized solutions according to your specific needs: ergonomic hand strap adjustable for either right or left handed users, various communications and charging cradles for office or vehicle based applications, image scanners, GPS, RFID modules, keyboard backlighting, customized keyboard membrane, headset with microphone.

#### SERVICE AND SUPPORT

DAP's commitment to quality and long term service is backed up with hardware warranties and a support network second to none. Support centers are located worldwide and provide maintenance services and help desk support to efficiently respond to your needs.



# Specifications

<b>Operating System</b>	▶ Windows CE 5.0	
<b>Bundled/Available Software</b>	<ul style="list-style-type: none"> <li>▶ Microsoft ActiveSync</li> <li>▶ DAPSELL Manager and control panel applets with user/supervisor security to limit access to programs and settings</li> <li>▶ FTP server/client</li> <li>▶ CE Pad (Notepad)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Playback/Recording program</li> <li>▶ CE Internet Explorer and Viewers for Word, Excel, PowerPoint and PDF files</li> <li>▶ DAPDUB system allowing: Backup/restore utilities, cloning, OS upgrade utility, automated file transfer</li> <li>▶ Microsoft Transcriber for handwriting recognition</li> </ul>
<b>Processor</b>	▶ Intel XScale - PXA255, 400MHz	
<b>Memory</b>	<ul style="list-style-type: none"> <li>▶ 128MB NAND Flash - for WIN CE and file system</li> <li>▶ 64MB RAM</li> <li>▶ Additional storage via PCMCIA Flash cards or SD cards</li> </ul>	
<b>Display</b>	▶ 3.5" QVGA TFT transfective color LCD with LED backlighting	
<b>Keyboard</b>	<ul style="list-style-type: none"> <li>▶ Highly ergonomic 22 key keypad with 10 numeric and function keys plus 2 trigger keys</li> <li>▶ Ergonomic key grouping to speed up data entry</li> <li>▶ Tactile and programmable audible feedback</li> <li>▶ Programmable auto-repeat</li> </ul>	Optional: <ul style="list-style-type: none"> <li>▶ keyboard backlighting</li> <li>▶ Customized keyboard template</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>▶ Rechargeable Lithium-Ion battery pack (user accessible)</li> <li>▶ Intelligent fast charge</li> <li>▶ Power management system (application independent)</li> <li>▶ Integrated charge status and low battery indicator</li> <li>▶ Typically 2 to 4 working days battery life</li> </ul>	<ul style="list-style-type: none"> <li>▶ Backup system for RAM memory if main battery is exhausted or removed</li> <li>▶ ON/OFF switch, manual and automatic shutoff</li> <li>▶ Power gauge to monitor main battery</li> <li>▶ 5 Volt power for external devices</li> <li>▶ Typically 2 days of operating time</li> </ul>
<b>Voice System Communications</b>	<ul style="list-style-type: none"> <li>▶ Integrated environmentally sealed speaker and headset connector</li> <li>▶ Playback fully supported by Windows CE operating system</li> </ul>	Optional: <ul style="list-style-type: none"> <li>▶ Headset with microphone for personal sound recording and playback</li> </ul>
<b>Optional Wireless Connectivity</b>	<ul style="list-style-type: none"> <li>▶ Supports Tri-band GPRS or CDMA 1XRTT Wireless WAN</li> <li>▶ 802.11b / WiFi</li> </ul>	<ul style="list-style-type: none"> <li>▶ Bluetooth</li> <li>▶ System supports three concurrent wireless technologies (WWAN, WLAN, WPAN)</li> </ul>
<b>Communications I/O</b>	▶ Ethernet 10BaseT, 10 Mbps plus USB host and slave through cradle	
<b>PCMCIA Card Slots</b>	<ul style="list-style-type: none"> <li>▶ 1 Type II PCMCIA slot user accessible through an environmentally sealed cover</li> <li>▶ 2 SD slots available through an environmentally sealed cover with SDIO functionality</li> <li>▶ Hot swappable</li> </ul>	<ul style="list-style-type: none"> <li>▶ 3.3V and 5V card support</li> <li>▶ ATA, Modem, 802.11b WLAN support</li> <li>▶ WWAN compatibility</li> </ul>
<b>Temperature Range</b>	▶ Operating: -4°F to +122°F (-20°C to +50°C)	▶ Storage: -22°F to +140°F (-30°C to +60°C)
<b>Dimensions</b>	▶ 2.05" (5.2 cm) x 3.1" (7.9 cm) x 7.7" (19.6 cm)	
<b>Weight</b>	▶ 1 lb (454g) CE3240 with battery pack	
<b>Environmental Resistance</b>	<ul style="list-style-type: none"> <li>▶ MIL-STD-810F method 512.3 procedure 1</li> <li>▶ IP65, IP67 optional</li> <li>▶ MIL-STD-810F method 506.3 procedure 1 (wind blown rain)</li> </ul>	Shock resistant <ul style="list-style-type: none"> <li>▶ Meets and exceeds CEI 68-2-32 method 1 (2 meter drop to concrete)</li> <li>▶ MIL-STD-810F method 516.4 procedure 4</li> </ul> Electrostatic Discharge: <ul style="list-style-type: none"> <li>▶ Meets EN61000-4-2</li> </ul>
<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>▶ Ergonomic hand strap adjustable for either left or right handed users</li> <li>▶ Various communications and charging cradles (office or vehicle)</li> <li>▶ 12 channel WAAS enable GPS with integrated antenna</li> <li>▶ RFID Reader (low or high frequency, high frequency using PCMCIA card)</li> <li>▶ Extended end-cap for customer specific electronic modules</li> </ul>	Optional integrated image scanner <ul style="list-style-type: none"> <li>▶ 2 D Codes</li> <li>▶ Linear</li> <li>▶ Various postal modules</li> <li>▶ OCR Fonts: OCR-A and OCR-B</li> </ul>
<b>Warranty</b>	▶ Manufacturer's warranty: 1 year parts and labour, repaired in our workshops.	▶ Optional DAP CARE warranty extension available for even greater peace of mind.

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