

CN3e

Mobile Computer



- Enlarged keys and extensive communication options fit the needs of the in-field mobile worker
- Shares architecture and accessories with popular CN3
- Rugged design and integrated antenna to withstand in-field usage
- Color camera option provides powerful tool for applications requiring high resolution documentation

The Intermec CN3e, part of the CN3 mobile computer series, is a mid-sized mobile computer that features extensive communication options with an enlarged keypad to support key based data intensive in-field applications. In fact, the rugged CN3e is the first mid-sized handheld to offer a fully integrated, independent GPS option, as well as Wi-Fi®, WWAN and Bluetooth® in a single package, with an extended line of accessories to support numerous applications.

As part of the CN3 series, the CN3e shares a common architecture with the same operating systems, radio options and accessories. This provides customers a single hardware platform that supports multiple work environments and end-user requirements. This common platform approach not only minimizes disruption through faster time to deployment, but also simplifies maintenance and support for mobile deployments that extend across the enterprise, all of which reduce TCO.

The CN3e offers a fully integrated, independent GPS option, as well as Wi-Fi, Bluetooth, and WWAN voice and data services (including 3G EV-DO or EDGE™), allowing mobile workers to maximize their efficiency on the road. This is further enhanced by CN3e support for seamless voice and data communications, connections to peripheral devices, easy integration into company networks, and satellite-based navigation services that

maximize fleet efficiency. The CN3e also features large, hard key caps, a touch screen display, a 6-foot drop specification, and tolerance for a wide range of temperatures.

Because the CN3e provides access to information at the point of work, it is ideally suited for direct store delivery, pick up & delivery, in-transit visibility and in-cab mobile applications. With intelligence at their fingertips, mobile workers can tap into the information they need to work most effectively and efficiently.

The CN3e will give customers mobile RFID read/write functionality through the optional snap-on RFID handle (available 2008), enabling them to meet their current and future application requirements.

The CN3e runs Windows Mobile® supporting direct push wireless email for real-time connectivity with corporate networks. For in-premise use, the CN3e's support for Cisco® Compatible Extensions (CCX) ensures seamless interoperability in Cisco infrastructures.

The CN3e supports Intermec's SmartSystems™, a comprehensive system for complete device management that enables installation, application software maintenance or updates, security adjustments and device settings to be performed automatically and managed remotely, reducing field downtime.

Physical Characteristics

Dimensions:

196 x 81 x 28 mm (7.7 x 3.2 x 1.25 in)

Weight: 510 g - 567 g (18.0 oz - 20.0 oz)

Environmental

Operating Temp: -20° C to 60° C (-4° F to 140° F)

Storage Temp: -20° C to +70° C (-4° F to +158° F)

Relative Humidity: 95%

Rain & Dust Resistance: IP64

Drop Spec: 1.8 m (6 ft) drop on all faces, edges

& corners per MIL-STD-810G

Electrostatic Discharge:

+/- 15 kVdc air discharge

+/- 8 kVdc contact discharge

Power

Battery Pack: 3.7V, 4000 mAh, (14.8 Watt-hour) Li-Ion

Operating System

Windows Mobile 5.0®

Windows Mobile 6.1

Microprocessor

Intel® XScale PXA270, 520 MHz

Memory and Storage

RAM Memory: 128MB

Flash ROM: 256MB

Customer-accessible miniSD slot for removable memory cards up to 2GB

Display

3.5 in (89 mm) QVGA (240 x 320 pixel) 64K

color Transflective TFT-LCD, LED backlight

Standard Communications/Ethernet

USB 1.1 Host and Client

RS232 via vehicle dock

Ethernet

IrDA

Software

Device Management Options:

SmartSystems Foundation: Centralized support

via PC; configures, updates and maintains single devices or entire populations; real-time via wired or wireless connection.

Third Party: SOTI MobiControl, Wavelink Avalanche™ and GATC Skynax with access to Intermec value added capabilities.

Intermec Developer Library (IDL): Integrates

with leading development environments;

supports device-specific features, bar code

scanning, printing, communications.

Supported by Intermec Connection Manager, iLaunch

and Intermec Client Pack (Intermec Terminal Emulator

and Intermec Browser) thin client applications.

Development Environments: Visual Studio 2005

and 2008, Eclipse, .NET Compact Framework

Browser Support: Internet Explorer Mobile 6,

Intermec Browser (part of Intermec Client Pack)

Integrated Radio Options

Wireless WAN: GSM/GPRS/EDGE or

CDMA/1xRTT/EV-DO

Wireless LAN (standard):

Standards Compliant:

IEEE 802.11g (2.4 GHz)

IEEE 802.11b (2.4 GHz)

Data rates: Up to 54Mbps for 802.11g ODFM.

Up to 11Mbps for 802.11b DSSS

Radio Power Output: 100mW maximum

Security: WEP, WPA, 802.11x (EAP-TLS, TTLS,

LEAP, PEAP), 802.11i

Certifications: Wi-Fi, WPA2, Cisco

Compatible (CCX) version 4

Wireless PAN (standard): Integrated Bluetooth

Class 2, V2.0 compatible module for wireless

Global Positioning System

Network independent embedded receiver

with integrated antenna, extended

ephemeris data and WAAS support.

Audio Support

Dual speakers

Microphone

Wireless Bluetooth headset support

Wired external speaker support via vehicle dock

VoIP

Speech recognition

Integrated Scanner Option

Area Imager

Supports omnidirectional 1D, 2D, Composite and

Postal decode capabilities plus signature capture

Sales

Toll Free NA: (800) 934-3163

Toll in NA: (425) 348-2726

Freephone ROW: 00 800 4488 8844

Toll ROW: +44 134 435 0296

OEM Sales

Phone: (425) 348-2762

Media Sales

Phone: (513) 874-5882

Customer Service and Support

Toll Free NA: (800) 755-5505

Toll in NA: (425) 356-1799

Integrated Camera Option

2.0 megapixel color camera with LED flash

Keypad Options

Numeric 10-Key or Phone Style backlit keypad

Readicare Activation and Provisioning Services (Optional)

(available in North America only)

WWAN Carrier Provisioning

WWAN Carrier Activation

Software Configuration

Tagging

Operational Testing

Packing, Storage & Staging

For additional details, go to:

<http://www.intermec.com/>

[WWANActivationandProvisioning/](http://www.intermec.com/WWANActivationandProvisioning/)

Optional Accessories

- Single Dock, USB Host/Client (no modules)
- Single Dock, Ethernet Module
- Single Dock, Modem Module
- Quad Multi-dock, Ethernet
- Quad Multi-dock, Charge Only
- Quad External Battery Charger
- Scan Handle
- Magnetic Stripe Reader, Snap-on
- Auto Adapter
- Belt Clip
- Vehicle Dock

Regulatory Approvals/Compliance

Safety: cULus Listed, GS, CCC, GOST (pending), NDM, HKSI

EMC: FCC Part 15B - Class B, ICES-003 Class B,

EN 55022 Class B, EN 55024, EN 301 489-17,

AS/ZNS 3548, GB9254-1998, BSMI, ICASA

Radio: FCC Part 15.247, Industry Canada RSS

210, EN 300 328-2, Telecom. Num. 547,

NCC, OFTA, MIC, IDA

Other: Compliant with all applicable EU

Directives - EMC, Low Voltage, R&TTE, Vehicle,

WEEE, RoHS, Packaging & Waste Packaging

Hazardous Location Certified

UL Listing (United States and Canada)

Division 2, Class I, Groups A, B, C, D; T4

Division 2, Class II, Groups F; G T4

Division 2, Class III; T4

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