



# CN3

## Mobile Computer

- Thin, rugged form factor fits the needs of the mobile worker
- Integrated GPS with internal antenna enables efficient deployment of resources, improves asset visibility
- WiFi®, Bluetooth®, and choice of WWAN radios (3G CDMA/EV-DO or GSM/EDGE) keep field workforce connected
- Color camera provides powerful tool for documenting proof-of-service or vehicle inspection
- Ultra-slim extended battery provides all-day power

Designed to meet the needs of workers performing mission-critical tasks in transportation, logistics and field service, the CN3 mobile computer delivers a powerful combination of communications technologies in a compact, rugged package.

With standard WiFi, Bluetooth and choice of integrated, network independent GPS receiver and WWAN voice and data services (including 3G EV-DO or EDGE), the CN3 enables companies to stay connected with their mobile workforce in real time, driving improved efficiencies and increased asset visibility across their operations. The CN3 provides access to information at the point of work, allowing companies to dynamically deploy the right resources to the right location, and enabling their mobile workers to tap into the information they need to work most effectively. With mobile intelligence at their fingertips, companies can increase customer responsiveness while also reducing inventory and transportation costs.

Built to survive the rigors of the road, the CN3 meets rugged, standards-based environmental specifications and provides features that meet the needs of mobile workers. The CN3's 2.0 megapixel color camera provides a vital data validation tool, enabling workers

to document proof-of-service or vehicle inspection. The CN3 has a touch screen display, 128 MB RAM and is available with an ultra-slim extended battery that delivers easy-to-carry, all-day power.

The CN3 runs Windows Mobile®, supporting direct push wireless email for real-time connectivity with corporate networks. For in-premise use, the CN3's support for Cisco® Compatible Extensions (CCX) ensures seamless interoperability in Cisco infrastructures.

The CN3 supports Intermec's SmartSystems™, a comprehensive system for complete device management that enables installation, maintenance or application software updates, security adjustments and device settings to be performed automatically and managed remotely, dramatically reducing field downtime. Deployment is made fast and easy with Intermec Readicare WWAN Activation and Provisioning Services (available in North America). Intermec Medallion Support services are available to help keep your mobile workforce in action worldwide.

Priced affordably and packed with road-ready capabilities, the CN3 offers companies the opportunity to deploy into new areas of their businesses and realize increased return on their mobility investments.

## Physical Characteristics

### Dimensions with Standard Battery Pack:

6.3 x 3.2 x 1.1 in. (160 x 81 x 28 mm)

### Dimensions with Extended Battery Pack:

6.3 x 3.2 x 1.3 in. (160 x 81 x 33 mm)

Weight: 14.0 oz - 16.0 oz (397 - 454 g)

## Environmental

Operating Temp: +14°F to +122°F,

(-10°C to +50°C)

Storage Temp: -20°C to +70°C,

(-4°F to +158°F)

Relative Humidity: 95%

Rain & Dust Resistance: IP54

Drop Spec: 6' (1.8m) 26x all faces, sides

& corners per MIL-STD 810G

Electrostatic Discharge:

+/- 15 kVdc air discharge

+/- 8 kVdc contact discharge

## Power

Standard Battery Pack: 3.7V, 2200

mAh, (8.1 Watt-hour) Li-Ion

Extended 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

USB 1.1 Host and Client

RS232 via vehicle dock

Ethernet via desktop single or quad dock

## 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

### 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

## Integrated Camera Option

2.0 megapixel color camera with LED flash

## Keypad Options

QWERTY or Numeric backlit keypad

## Readicare Activation and Provisioning Services

(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/)

## 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, OSHA 29 CFR 1910.178/

ASME B56.11.6 Compliant, GS, CCC, GOST, NOM,

HKSI, prEN ISO 13564

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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