When business depends on mobile workers being nimble, empowered and well informed, having flexible, multi-function technology tools in their hands is always a smart idea.

The Intermec CN51 mobile computer offers unparalleled versatility allowing the choice of Windows® or Android™ operating systems on a single device coupled with a power-packed 1.5GHz dual core, multi-engine processor design with 1GB RAM, and 16GB Flash for the highest degree of future-proofing capability.

Designed for a superior user experience, the CN51’s large, multi-touch, outdoor-readable screen provides ample room for application viewing with less scrolling and greater productivity, as well as more space for capturing more legible signatures. It’s also equipped with state-of-the-art smart battery technology, delivering life that lasts through a full shift and beyond without interruption to replace or recharge to get the job done.

The CN51’s high performance imagers provide optimal barcode scanning capabilities even in low light scanning environments with unmatched motion tolerance and snappy scanning to eliminate costly delays and user frustration during scan-intensive applications.

The 5 megapixel color camera combined with Intermec’s cutting-edge image processing technologies deliver advanced capability beyond reading barcodes. Mobile Document Imaging (MDI) and Remote Deposit Capture (RDC) provide a fast and reliable way to convert full-size paper documents or check payments into electronic files while out on the road, transmitting directly from the point of capture to the back-office workflow.

Enterprises with large, geographically-dispersed workforces need adaptable network coverage. The CN51 answers the call with its voice-capable Flexible Network™ Radio (in North America), allowing the same device to operate on either CDMA or UMTS wireless networks. Depending on which network provides the best geographic coverage or the lowest cost, the CN51 can be switched on-the-fly, should coverage needs change.

Industry leading Software and Services solutions like Intermec’s CloneNGo offer breakthrough device provisioning that makes it easy to replicate a master configuration across an unlimited number of devices to get up and running quickly. Intermec SmartSystems™ Management Console also monitors key sub-systems including scanning, communications, and device health, to prevent issues before they impact operations.

Intermec’s Medallion Advanced and Support Services help protect your investment by reducing unexpected operational impacts of network communication issues or minimizing device downtime due to accidental breakage.
### Physical Characteristics

Dimensions with battery: L X W X D: 164 x 74 x 28 mm (base of unit) 32 mm (top of unit) 6.45 x 2.93 x 1.09-1.26 in

Weight with battery: 350 g (12.3 oz)

### Environmental

Operating Temp: -10° C to +50° C (+14° F to +122° F)
Storage Temp: -20° C to +70° C (-4° F to +158° F)

Charging Temp: +5° C to +35° C (+41° F to +95° F)

Relative Humidity: Non-condensing, 95%

Rain & Dust Resistance: IP64

Tumble Spec: 1,000 - 0.5 m (1.6 ft) tumbles at room temperature

Drop Spec: 26 drops from 1.5m (5 ft) to concrete across the operating temperature range per MIL-STD 810G

Electrostatic Discharge: +/- 15kV air discharge, +/- 8kV direct discharge

### Power

Smart Battery Pack: 3.7V, 3900 mAh; Batteries are IEEE 1725 compliant, Li-ion, removable, rechargeable.

### Operating System

Microsoft Windows Embedded Handheld v6.5 or Android v4.1

### Microprocessor

Texas Instruments 1.5 GHz OMAP 4470 dual core, multi-engine processor architecture

### Memory and Storage

Memory: 1GB RAM

ROM: 16 GB Flash

Customer-accessible micro-SD slot for removable memory cards up to 32 GB

### Display

- 10.16 cm (4.0 in), 480 x 800 pixel (WVGA) TFT-LCD display
- LCD supports 24 bpp color depth
- LED backlight
- Ambient light sensor
- Resistive multi-touch touch panel

### Standard Communications

USB – High Speed 2.0 Host, USB – High Speed 2.0 Client

### Software Applications & Components

Device Management:

- Software Applications & Components
- USB – High Speed 2.0 Host, USB – High Speed 2.0 Client

### Integrated Radios

**Wireless WAN Options**

UMTS / HSPA+ (Voice & Data): Worldwide except Americas, Australia and New Zealand
UMTS/HSPA Frequencies: 900, 2100 MHz
Max Speeds (Network Dependent): Uplink – 5.76 Mbps Downlink – 14.4 Mbps
GSM/GRPS/EDGE Frequencies: 900, 1800, 800 MHz
Max Speeds (Network Dependent): Uplink – 384 Kbps Downlink – 384 Kbps

**Flexible Network** (Voice & Data): Americas, Australia and New Zealand (Can be switched between the UMTS and CDMA radio networks)

UMTS/HSPA:
UMTS Frequencies: 800, 850, 900, 1900, 2100 MHz
GSM/GRPS/EDGE Frequencies: 850, 900, 1800, 1900 MHz
Max Speeds (Network Dependent): Uplink – 5.76 Mbps Downlink – 14.4 Mbps

**CDMA/EV-DO Rev A**

Dual Band CDMA2000 Bands: BC0 & BC1 (800/1900 MHz)
Max Speeds (Network Dependent): Uplink – 1.8 Mbps Downlink – 3.1 Mbps

**Wireless LAN:**

IEEE 802.11 a/b/g/n on devices without Wireless WAN radio; IEEE 802.11 b/g/n on cellular devices
Security: WiFi Certified for WPA and WPA2, WAPI Certified
Authentication: 802.1x
Cisco Compatibility: CCXv4
Encryption: WEP (64 or 128 bit), AES, TKIP

### Wireless PAN

Integrated Bluetooth® Power Class 1.5
Version 4 BLE

### Regulatory Compliance and Approvals:

1015CP01, 1015CP01S, 1015CP01U

Safety: CULus Listed, Demko, BSMI

EMC: Class B - FCC/ICES/EN, EAC, FCC

Radio: FCC w/HAC, Industry Canada, CE, NCC, OFCA, IDA, SDPP, NTC, ETA, SRRC, SIRIM, COTTEL, TELEC, ANATEL, TNZ, RCM, CONATEL, MOC (66 countries total).

### Environmental:

EU Directives - WEEE; RoHs; Batteries & Accumulators; Packaging & Waste Packaging

---

© 2019 Honeywell International Inc.

612282-A 09/13