



Product division
Mobile Computing

ecom
instruments

mobile experts



CNx(e) ATEX

Fully Rugged Mobile Computers



Features:

CNx(e) ATEX

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

CN3 und CN4e ATEX

- Enlarged keys and extensive communication options

CN4 ATEX

- 3.5G wireless technology
- Fully rugged

Designed to meet the needs of workers performing critical tasks in transportation, logistics and field service, the CNx ATEX (series) mobile computers deliver a powerful combination of communications technologies in one compact handheld device.

With WiFi and Bluetooth as standard and optional integrated GPS receiver as well as network independent WWAN voice and data services (including 3G EV-DO or EDGE), the CNx ATEX enables companies to stay connected with their mobile workforce in real time, driving improved efficiencies and increased asset visibility across their operations.

Built to survive the rigors of the road, the rugged CNx ATEX meets standards based environmental specifications and provides features that serve the needs of mobile workers. The CNx ATEX 's 2.0 megapixel colour camera provides a vital data validation tool, enabling workers to document proof-of-service or vehicle inspection. The CNx ATEX has a touch screen display, 128 MB RAM and is available with an ultra-slim extended battery that delivers all-day power while still remaining compact and portable.





Durable

Semi
Rugged

Rugged

Fully
Rugged

Ultra
Rugged

	CN3 ATEX	CN3e ATEX	CN4 ATEX	CN4e ATEX
				
Physical Characteristics	with ATEX Battery Pack: 160 x 81 x 33 mm (6.3x3.2x1.3 in) Weight: 14.0 oz - 16.0 oz (397-454 g)	with ATEX Battery Pack: 196 x 81 x 28 mm (7.7 x 3.2 x 1.3 in) Weight: 510 g - 567 g (18.0 oz-20.0 oz)	with ATEX Battery Pack: 173 x 81 x 33 mm (6.8 x 3.2 x 1.3 in) Weight: 397 - 454 g (14.0 oz-16.0 oz)	with ATEX Battery Pack: 210 x 81 x 33 mm (8.3 x 3.2 x 1.3 in) Weight: 510 - 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% • Drop Spec: 1.8 m (6') per MIL-STD 810G • Electrostatic Discharge: +/- 15 kVdc air discharge, • +/- 8 kVdc contact discharge			
	Rain & Dust Resistance: IP54		Rain & Dust Resistance: IP64	
Power	ATEX Battery Pack: 3.7V, 4000 mAh, • (14.8 Watt hour) Li-Ion			
Operating System	Windows Mobile 6.1® with Internet Explorer 6 • Getting started information located at • www.windowsmobile.com/getstarted			
Microprocessor	Marvel PXA270M, 520 MHz			
Memory & Storage	RAM Memory: 128 MB • Flash ROM: 256 MB • Customer-accessible miniSD slot up to 8GB			
Display	89 mm (3.5 in) QVGA (240 x 320 pixel) • Transflective TFT-LCD touch screen, LED backlight			
Standard Communications	USB 1.1 Host and Client; RS232 via vehicle dock or snapon adapter; Ethernet via desktop single or quad dock or snap-on adapter; IrDA			
Radio Options	Wireless WAN: GSM/GPRS • GSM/GPRS Frequencies Supported - MHz: 850, 900, 1800, 1900 • Technology Class GSM: 3.5G HSDPA		Wireless WAN: GSM/GPRS/EDGE/UMTS/HSDPA UMTS Frequencies Supported - MHz: 850, 1900, 2100	
	Wireless LAN: IEEE®802.11 b/g • Data rates: 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48 and 54Mbps • Operating channels: 1 to 13 (2412-2472 MHz) and 14 (2484 MHz) Regulatory compliance: As per IEEE® 802.11d • Cisco Compatible Extensions (CCX): v4 Compliant • Security: WiFi Certified for WPA/WPA2 operation Authentication: OPEN, SHARED-KEY, PEAP (MSCHAPv2, GTC, MD5), EAP-TLS, EAP-FAST, EAP-TTLS (PAP, CHAP, MS-CHAP, MS-CHAPv2, PAP/Token Card, EAP with GTC) • Encryption: WEP (64 or 128 bit), AES, TKIP • Wireless PAN: Integrated Bluetooth® Class II, Ver 2.0+EDR • Operating channels: 0 to 78 (2402-2480 MHz) • Data Rates: 1, 2, 3 Mbps			
GPS	12 channel Integrated GPS • Supports Autonomous mode with extended ephemeris data • Supports assisted operation via WAN Carrier • Network independent; <3m accuracy			
Audio	VoIP, Speech recognition, Microphone, Wireless Bluetooth headset support, Wired external speaker support via vehicle dock			
Scanner	1 megapixel area imager with laser framer and aiming. Supports omnidirectional scanning and decode of 1D, 2D, Composite and Postal codes as well as signature capture.		Additional to CN3(e): Supports Enhanced Mobile Document Imaging (optional Intermec software application).	
Scanner	1 megapixel area imager with laser framer and aiming. Supports omnidirectional scanning and decode of 1D, 2D, Composite and Postal codes as well as signature capture. Supports Enhanced Mobile Document Imaging (optional Intermec software application).			
Camera	2.0 megapixel colour camera with LED flash			
Keypad	QWERTY or Numeric backlit keypad	Alphanumeric or numeric phone backlit keypad	QWERTY or Numeric backlit keypad	Alphanumeric or numeric phone backlit keypad
Regulatory Approvals/ Compliance	Safety: cULus Listed, CDRH, D, CE, NOM • EMC: Class B – FCC/ICES/CE • Radio: FCC ID, Industry Canada TAC, CE0984, A-tick (AU), C-tick (NZ), NCC, OFTA, IDA • HAC: FCC • Others: HKS, BSMI, ICASA, POSTEL, NTC, ETA, GOST, SIRIM, ANATEL, EU Directives –WEEE, RoHS, Batteries & Accumulators, Packaging & Waste Packaging			
ATEX	ATEX Zone 2 II 3 G Ex ic IIC T4 • II 3 D Ex ic D 22 T130°C • Ta -20°C ... +50°C		ATEX Zone 2 /22 II 3G Ex ic op IIC T4 • II 3D Ex icD 22 T130°C • Ta -20°C ... +50°C	

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