SCAN ME

Connectivity, Ruggedness and Computing Power

Enhanced communications features like dual-diversity antennas ensure wireless connectivity in environments with physical barriers.

Compact design—mounts easily on a variety of industrial machinery, limiting intrusion into cabin space.

Wide-range power input—the V1214 can be powered from a variety of power sources with 9–36 or 18–72 VDC input ranges.

Rugged for any application—sealed to IP65, this logistics computer features an ultra-rugged polysilicon touchscreen and an aluminum enclosure, and it meets or exceeds MIL-STD-810F.

Powerful, efficient computing—Intel® Atom™ 1.6 GHz processor and 2 GB RAM are standard and customers can specify Windows CE 6.0, 7, XP, Embedded Standard 2009, or Linux operating systems.

Multi-use serial ports—support legacy peripherals like barcode scanners, RFID readers, and weight scale equipment.

Freezer-ready—operates in -22 to +131 °F (-30 to +75 °C), perfect for cold-storage applications.

WLAN with dual-diversity antennas—stay connected in environments with tall stacks of metal or other physical barriers.

Built-in backup battery—provides up to 20 minutes of continuous use, even after the vehicle or machinery is powered down.

Accessories

| Sealed Keyboards | Sun Shield | Roxtec Sealing Kit | Screen Protectors | Quick-Disconnect Cables | Domes & Antennas | Mounting Solutions |

V1214

Core System

Operating System	Windows® XP Professional
	Windows® CE 6.0 Professional
	Windows® Embedded Standard 2009 (XPe)
	Windows® 7
	Linux
Processor	Intel® Atom™ 1.6 GHz
Memory	2 GB DDR2 SDRAM
Storage	CompactFlash 8 to 32 GB

Display

	12.1-inch SVGA (800 × 600)(XGA optional)
	Color active matrix TFT 256K colors
	LED Backlight
	4-wire resistive touchscreen
	Polysilicon tempered glass display
	450 nits

User Interface

	Power button
	Manual dimmer control buttons

Communications

	2 external antennas (SMA for WLAN diversity)
GPS	Sierra Wireless
WLAN	Summit 802.11 a/b/g/n
WWAN	GPRS/GSM 3G
Bluetooth®	Bluetooth® V2.0 + EDR Class I

Input/Output

	4× USB 2.0
	1× Ethernet 10/100
	1× serial port (12 V on pin 9)

Expansion Slots

	Mini PCIe slot

Audio

	AC97 and Soundblaster Pro compatible
	Built-in speakers (IP65)

Power

	9–36 VDC or 18-72 VDC
	10 W standby, 25 W operating, and max 30 W
	20-minute internal battery backup (UPS)
	110/220 VAC wall adapter (optional)

Dimensions

	Aluminum housing, powder coated
	12.0 (L) × 9.5 (W) × 2.3 (H) in. [305 × 240 × 59 mm]
	7.7 lb. [3.5 kg]

Regulatory

	IEC 60529
	Safety: UL94, Class VO
	FCC Part 15 subpart C, Part 15 subpart B
	CE
	RoHS
	ISO7637-2 (2004)
	EN 12895 (2000)
	EN 55022 (1998) + A1 (2000) + A2 (2003)
	EN 61000-6-2 (2001)

Environment

Operating temperature	-22 to +131 °F [-30 to +55 °C]
Storage temperature	-31 to +167 °F [-35 to +75 °C]
Shock	30 g for 11 ms
Vibration	5–500 Hz/4.5 grms 3 hours XYZ
Sealing	IP65 (IP66 optional with Roxtec sealing kit)
Humidity	10%–95%, non-condensing
	Meets or exceeds MIL-STD-810F
	Track vehicle tested
	Highly Accelerated Life Tested (HALT)

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