



Rugged and Customizable Vehicle-Mount Computers

GPS- and wireless-enabled fixed-mounted computers offer a variety of hardware, OS, and screen size options.

SCAN ME



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

Rugged for any application—IP65 sealed with a precision-milled aluminum enclosure, and meets or exceeds MIL-STD-810F.

Wireless communication—GPS, WLAN, and GPRS/GSM 3G enabled.

Customizable components—a variety of processor, memory, and storage options for a hardware solution that fits your application.

Indoor/outdoor touchscreen—Backlight-adjustable displays offer excellent visibility in a range of lighting conditions.

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

Multiple operating system options—choose Windows® XP Professional, Windows® Embedded Standard 2009, Windows® 7, or Linux.

Accessories



Sealed Keyboards



Sun Shield



Roxtec Sealing Kit



Screen Protectors



Quick-Disconnect Cables



Domes & Antennas



Mounting Solutions

Core System	
Operating System	Windows® XP Professional Windows® Embedded Standard 2009 (XPe) Windows® 7 Linux
Processor	Intel® Atom™ 1.6 GHz Intel® Core™ Duo 1.66 GHz
Memory	2 GB DDR SODIMM
Storage	Rotating hard drive 80 GB and up, 2.5-inch ATA/IDE CompactFlash 8 to 32 GB Solid State 16 GB and up
Display	
Common features	Color active matrix TFT 256K colors 120° horizontal viewing angle 0%–100% dimmable
V1200	12-inch SVGA (800 × 600) touchscreen (XGA optional) 420 nits (1000-nit sunlight-viewable optional, SVGA only) LED backlight
V1500	15-inch XGA (1024 × 768) touchscreen 400 nit (750 nit sunlight-viewable optional)
User Interface	
	Power button Manual dimmer control buttons
Communications	
	PCMCIA-compatible
WLAN	802.11 b/g
WWAN	GPRS/GSM 3G
Bluetooth®	Bluetooth® v2.0 + EDR Class II
Input/Output	
Standard	2× USB 2.0 2× serial ports RS 232C, COM 1-2, up to 115 Kbit/s 1× Firewire 1× Ethernet 10/100-Tp, RJ45 1× DB9 mouse/keyboard (PS/2 adaptable) 1× DB9 multimedia (buzzer, microphone, CD in and line out stereo)
Optional	2× additional RS-232 (requires dongle, replaces mouse/keyboard DB9) 1× VGA out (replaces mouse/keyboard DB9)

Expansion Slots	
	CardBus PCMCIA 32-bit: 2× Type II or 1× Type III
Audio	
	AC97 and Soundblaster Pro compatible Built-in speakers (IP65)
Power	
	9–36 VDC 5 W standby, 35 W operating, and max 55 W 110/220 VAC wall adapter (optional)
Dimensions	
	Aluminum housing, powder coated
V1200	12.0 (L) × 9.3 (W) × 2.4 (H) in. [305 × 240 × 61 mm] 8.2 lb. [3.7 kg]
V1500	14.1 (L) × 11.3 (W) × 2.6 (H) in. [358 × 286 × 67 mm] 11.7 lb. [5.3 kg]
Regulatory	
	DIN 40050 Part 9 IEC 529 UL: UL94, Class VO FCC: Part 15 Subpart B, Class B RoHS E-Vehicle directive certified International Safety: CE Vehicle, FCC light industry Electrical: ISO7632-1, reverse polarity, dual battery EMC Susceptibility: ISO7637-2, EN61000-6-2 EMC Emissions: EN55022 Temperature: IEC 68-2-36 Fdb, IEC 68-2-27, IEC 68-2-1 Ad, IEC 68-2-2 Bc, IEC 68-2-30 Db, IEC 68-2-1 Aa, -2 Ba, -14 Na
Environment	
Operating temperature	-4 to +122 °F [-20 to +50 °C]
Storage temperature	-22 to +167 °F [-30 to +75 °C]
Shock	30 g for 11 ms (non-rotating disks)
Vibration	5–500 Hz/4.5 g RMS 3 hours XYZ (non-rotating disks)
Sealing	IP65 (IP66 optional with Roxtec sealing kit)
Humidity	10%–95%, non-condensing
	Track vehicle tested Highly Accelerated Life Tested (HALT) Meets or exceeds MIL-STD-810F



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