



High-Performance, Rugged Vehicle-Mount Computers

GPS- and wireless-enabled fixed-mounted computers with a powerful processor ready for demanding applications.



Rugged for any application—IP65 sealed with a precision-milled aluminum enclosure.

Intel Core i7 processor—allows for maximum processing power for fast real-time data processing.

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.

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

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

Core System	
Operating System	Windows® Embedded Standard 7 Windows® 7 Professional Windows® XP Professional Windows® 8 Ready Linux
Processor	Intel® Atom™ D2550 Intel® Core™ i7-2610UE
Memory	2 GB DDR3 (Atom™) 4 GB DDR3 (Core™ i7)
Storage	CFast 8 to 64GB (with SATA interface)
Display	
Common features	LED Backlight Minimum 120° horizontal viewing angle Resistive Touch 0%–100% dimmable
V1204V	12-inch XGA LED 500 nit (800 nit sunlight-viewable optional)
V1502V	15-inch XGA LED 500 nit (800 nit sunlight-viewable optional)
User Interface	
	Power button Manual dimmer control buttons
Communications	
	2 antennas for WLAN diversity (SMA connectors for external 3G and GPS antennas)
WLAN	802.11 a/b/g/n
WWAN	GPRS/GSM 3G
Bluetooth®	Bluetooth® v2.0 + EDR Class I
Input/Output	
Standard	4× USB 2.0 1× serial ports RS 232C (12V on pin 9) 1× Ethernet 10/100/1000-Tp, RJ45 2× external SMA connectors (SMA for 3G and GPS)

Audio	
	Built-in speakers (IP65)
Power	
	9–36 VDC
Dimensions	
	Aluminum housing, powder coated
V1204V	12.0 (W) × 9.4 (L) × 2.3 (H) in. [305 × 240 × 59 mm] 7.7 lb. [3.5 kg]
V1502V	14.1 (W) × 11.3 (L) × 2.4 (H) in. [358 × 286 × 61 mm] 11.6 lb. [5.3 kg]
Regulatory	
	EN 55022(2006+A1) Class B EN 300 328 V1.7.1:2006(WLAN) EN 61000-6-2(2005) issue 8 EN 61000-4-2(1995) +A1+A2, ISO 10605(2008) EN 61000-4-3(2006+A1) issue 3 ISO 11452-2(2004) issue 2 ISO 7637-2(2004) issue 2 FCC Part 15 class B FCC Part 15 class C EN 12895:2000 EN - ISO 14982:1998 EN 13309:2000
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 XYZ
Vibration	5–500 Hz/0,04m/s² XYZ
Sealing	IP65 (optional sealing kit)
Humidity	10%–95% RH, non-condensing