12.1", Resistive Touch, BayTrial Platform, Intel® Dual-Core Celeron N2807 (1.58GHz), Windows 7/8.1/10 Vehicle Mount Computer

Model: RAT1210CE

Features

- 12.1" LED backlight panel with resistive touchscreen
- Rugged aluminum enclosure and fanless design
- P65 dust/water protection
- Meet MIL-STD 810G standard anti-vibration shock
- Wide range 8-36V DC Power input with ignition control
- VESA 75 and 100 standard mounting
- Flexible expansion capability for WiFi, Bluetooth, LTE/HSPA+/EVDO, GPS

Specifications

System	**Processor**	Intel® Dual-Core Celeron N2807 (1.58GHz) Intel® Quad-Core Celeron J1900 (2.0GHz) Intel^Quad-CoreAtom E3845 (1.91 GHz)
	System Memory	2GB SO-DIMM DDR3L-1333/1600 (up to 8GB)
	Storage	16GB mSATASSD (up to 256GB) 16GB SATAIII SSD (up to 512GB)
	Operating System	Windows 10 Windows Embedded 8.1 Industry Pro. Windows Embedded Standard 8 Windows 7 Pro Windows Embedded Standard 7
Display	**Size**	12.1-inch
	Resolution	1024x768
	Brightness	400 nits
	Backlight	LED Backlight
Touch screen	**Type**	5-Wire Resistive Touch
Keypad	**Keypad**	Power On/Off Brightness Adjustment
RF Communication	**WLAN**	802.11a/b/g/n (Optional, CCX v4 Certificated) 802.11a/b/g/n/ac (Optional)
	WWAN	3G (Optional, HSPA+, EDGE, GSM/GPRS) 3G (Optional, EVDO) 4G (Optional, LTE, HSPA+, EDGE, GSM/GPRS, EVDO)
	Bluetooth	Bluetooth 4.0 (Optional)
	GPS	SIRF III GPS/GLONASS (Optional) Beidou GPS (Optional) u-Blox GPS (Optional, 2.5 meters positioning accuracy)
I/O Connectors	**COM**	1 xRS-232/422/485(COM1, full-function, Pin 9 function can be set to RI, 5V or 12V by jumper) 1 x RS-232 (COM2, full-function, Pin9 function can be set to RI or 5V by jumper) 1 x RS-232 (COM3, 3-wire)
	USB	1 XUSB2.0 1 XUSB3.0
	LAN	1 x GbE LAN (RJ-45)
	DI/DO	4DI/4DO (Optional, with 3.3V power, replace COM2)
	Others	1 x SIM Card Slot (push and push) 1 x Power Connector 3 x TNC Connectors for External Antenna (WiFi. Bluetooth. WWAN. GPS)
Audio	**Speaker**	2 x Speaker (8ohm, 2w)
Power	**Power Input**	8-36V DC
	Power Consumption	20W typ.
	Ignition On/Off	Power on delay, default 10 seconds; Power off delay, default 10 seconds; (On/Off delay time can be changed via BIOS setting); Hardware power off delay 70 seconds after ignition off;
	UPS Battery	TBD
Environmental	**Operating Temp.**	-30~60°C
	Relative Humidity	5%-95%, non-condensing
	IP Proof	IP65 (I/O interface must be closed)
	Shock and Vibration	Shock: MIL-STD-810G Method 516.6 Procedure I Vibration: MIL-STD-810G Method 514.6 Procedure I
	Certifications	CE, FCC
Mechanical	**Housing**	Aluminum
	Dimension	320 x 260 x 66 mm(W x L x H)
	Weight	4 Kg

i-Tech Company LLC
TOLL FREE: (888) 483-2418 • EMAIL: info@itechlcd.com • WEB: www.iTechLCD.com

Accessories

DC-DC Power Adapter

AC-DC Power Adapter

Keyboard

High-gain WIFI Antenna

GPS Antenna

VESA Mounting Kits

Forklift Mounting Kits

Shade Cover