

TETRA^{pad}[®]

ULTRA RUGGED PDA

for applications in harsh environments

- Processor Intel Bulverde PXA270 624MHz
- Nvidia GoForce 4800 graphics hardware
- 4" VGA (640 x 480) transfective & Resistive touchscreen
- High brightness & Sunlight readable display
- Li-ion 3900 mAH battery +internal Backup battery
- Bluetooth v.2 / WLAN 802.11b,g / GSM/GPRS/EDGE / GPS Module *
- WinCE.NET 5.0 / Windows Mobile 2005 premium (phone edition)
- Integrated PCMCIA Slot, RS-232 interface, USB 2.0 ports
- IP 65 Water & Dust proof
- Certified MIL-STD-810F / MIL-STD461E *
- Military power connectors available
- Explosive atmosphere tested
- 4 programmables functions keys
- Weight : 450 g



* option

Semi-Rugged | Rugged | **Ultra-Rugged**



The TETRApad military grade, fully rugged PDA is the only one in its class with a 4" 480 x 640 VGA display, integrated PCMCIA slot and USB 2.0 ports. Sealed in a tough magnesium casing, this PDA also meets the MIL-STD-810F (against environmental elements) and MIL-STD-461E (to shield any electromagnetic interference and explosive atmospheres). The TETRApad is ready for any Mission Critical Situation.

The TETRApad fully rugged PDA is unsurpassed in functionality, connectivity, and expandability, offering the unique opportunity for third-party hardware integration.

With endless customization possibilities and state-of-the-art functionality, the TETRApad military grade, fully rugged PDA provides military personnel with the most powerful handheld computing solution on the market.



TETRA[®]pad

■ Specification

PROCESSOR	Intel Bulverde PXA270 624MHz
GRAPHIC	Nvidia GeForce 4800
RAM MEMORY	128 MB SDRAM
ROM MEMORY	128 MB Flash ROM
GRAPHIC	NVIDIA 4800
AUDIO	Integrated Microphone & Speaker
KEYBOARD	Option: wireless mini keyboard ; Forearm USB keyboard

■ Interfaces

SD PORT (storage)	Up to 4 GB (* automatic backup)
I/O PORTS	1x USB 2.0 host, 1x USB1.1 client 1 x RS232 serial port, 1x MIC, 1x Earphone/headset, 1 x docking
PCMCIA	1x Type II Option: 2x serial ports

■ Display

4 inch, 480x640, transfective TFT LCD
18-bit color for both Win Mobile & Win CE
Resistive Touchscreen
Sunlight readable display
LED backlight dimmed to Zero

■ Control panel buttons

5 directions scroll button
4 programmables functions keys
Power (ON/OFF) ; Reset button;
Wireless Manager ON/OFF switch button

■ LED indicators

Battery charging ON (orange), battery low,(flashing)
WiFi, BT ON (blue)
GSM ON/stand by (flashing green) + Phone in vibration

■ Wireless communications

Option: Bluetooth 2.00 / WLAN 802.11b,g /
GSM/GPRS/EDGE (850/900/1800/1900)
GPS

■ Power

BATTERY	Li-Ion 3.6V 3900 mAH Integrated Lithium-Polymer 80mAH backup battery >5m
AC INPUT	110/220 VAC Adapter- 50/60 Hz
DC INPUT	Direct 10-32 VDC power input
AUTONOMY	> 10 hours. Option: 3.6V 7800mAH double capacity battery

■ Operating system

Microsoft Windows Mobile 2005 Premium/Phone edition
WinCE.NET 5.0

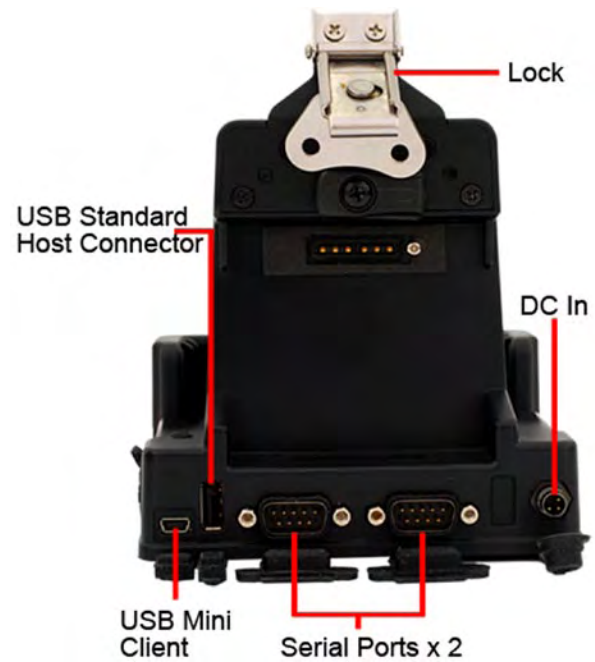
■ Dimensions

150 mm (H 5.9") x 90 mm (W 3.5") x 33 mm (D1.3")
Weight : 450 g

■ Docking station

USB 2.0 host x 2, USB 1.1 client x 1
COM4 RS232 ; COM1 TTL ; DC jack
1 slot for spare battery charge
Build in vehicle adapter

Option: RS232/RS422



Environmental specifications		
MIL-STD-810F	Operating	Storage
Temperature	-20°C to +50°C	-40°C to 70°C
Humidity	5% to 95% without condensation	
Altitude	4500 m	12000 m
Salt Fog		5% 48 hour
Vibration	5~500Hz, 1.6~2.18 grms	
Drop	122 cm	
Shock	40 g (peak) half-sine, 11 ms, 3 axis, 2 directions, 18 shocks total	75 g (peak) half-sine, 8 to 13 ms, 3 axis x 6 shocks = 18 shocks total
Enclosure	Magnesium - IP 65 certified	
Regulation	FCC, CE, E-MARK	
OPTION	MIL-STD461E (RE102-4 ground army) BSI Zone 1 (AMSG 788)	



Feel free to contact us for further informations or connect to the website www.tetracomputer.com

* Specifications are subject to change without prior notice