

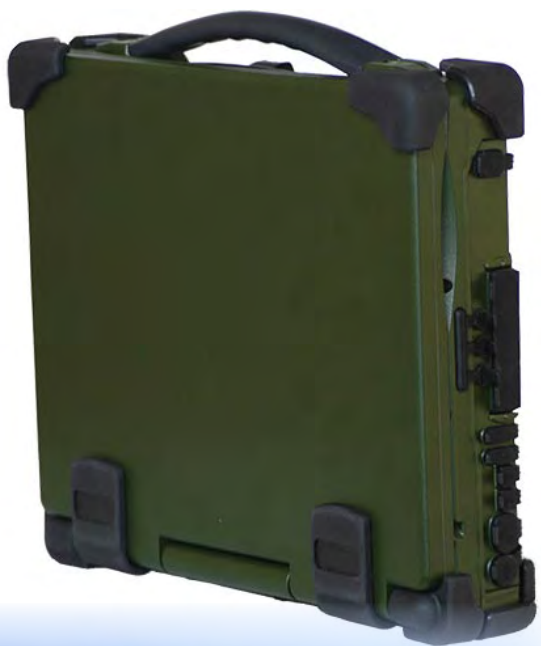
# TETRA *note EX 15"*®

## RUGGED & SOLDIER PROOF

- Intel® Core™ 2 Duo Mobile T5500, 2x 1,67 GHz,
- 15,1" TFT LCD XGA or SXGA+
- Sunlight readable display
- NVIDIA® GeForce® graphic processor for ultimate performance
- On demand customised MIL connectors
- 4 serial ports RS-232/422/485 on-demand
- Certified IP55 & MIL-STD-810F & MIL-STD-461E
- Sealed connectors & rubber caps
- Swappable & Removable components (DVD/CD, FDD, Battery, HDD)
- Extended Wireless communications
- Integrated power adapter 12-32V direct
- Isolated chassis for vehicle installation



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



### ■ TETRA *note EX*®

The TETRANote EX 15" allows an operation under nearly all imaginable environmental conditions.

All interfaces and drives are covered separately. The cabinet is equipped with protection corners and offers a maximum of protection against any sort of shocks, vibrations, dust and humidity.



# TETRA *note EX* <sup>®</sup>

## ■ Specification

PROCESSOR	Intel® Core™ 2 Mobile T5500 - 1,67GHz x2
CACHE	2 MB L2
RAM MEMORY	1GB to 4 GB DDR2 RAM
VGA	224 Mo Intel GMA 950 - 256Bit - 400MHz core 3D/2D DVMT
HDD	Optional : NVIDIA® GeForce® 7600 - 256MB DDR2 Removable 120 GB SATA shock mounted
MULTIMEDIA BAY	Removable and swappable components DVD drive
BATTERY	Optional : Simultaneous Dual Drive DVD + FDD CD-RW /DVD-RW Removable drives 2 <sup>nd</sup> Removable battery swappable with DVD drives 2 <sup>nd</sup> Removable HDD swappable with DVD drives Lithium-Ion 11,1V/7200 mAh
KEYBOARD	89 keys Optional : Rubber Backlight keyboard
TOUCHPAD	PS/2 resistive Touch
AUDIO	AC97 Sound and waterproof stereo speaker
ENCLOSURE	Magnesium / Aluminium
VEHICLE DOCKING	Optional : Including PCI-Slot, VGA & DVI interface, direct 12-32 V internal vehicle adapter

## ■ Interfaces

(Left side)	Optional : Version with military round connectors PS/2, 2xUSB 2.0, 2xIEEE 1394 Firewire, 1x Modem, 1x LAN, PCMCIA 1x type I/II, 3x audio, 1x PCIe Express card
(Rear side)	Optional : 56K Fax/Modem MDC 4 x RS232 2 <sup>nd</sup> LAN card 10/100/1000 Mbit Fiber-optic LAN 100/1000 Mbit PCMCIA 2x type II 1x type III Smart card reader PC card cover 2x sealed DB9 serial ports, 1x Parallel, 1x Docking, 1x DC, 1x VGA, 1x DVI
(Internal)	1x Mini PCI, 2x Mini PCIe , 4x USB 2.0, 2x serial ports (TTL, COM1, COM2) Option : Integrated CAN bus card
■ Display	15,1" TFT LCD XGA (1024 x 768) display Optional : SXGA+ Resolution : 1400 x 1050 Resistive Touchscreen and Sunlight readable display
■ Communication	Optional : GPRS/GSM Card (Siemens MC75) WLAN Card (Intel Pro Wireless 3945ABG 802.11) GPS Module (UBlox-5H) Bluetooth Module v2.0 class 1/2
■ Operating System	XP pro / Windows vista
■ Power	AC Adapter 110V-240V 50-60Hz
■ Environment & Safety / EMC	MIL-STD-810F, IP55, CE, FCC, E-mark Optional :MIL-STD-461E/ground Navy / Ground Army Zone0/SDIP 27 class A Zone1/SDIP 27 class B
■ Dimensions	340 mm (W) x 64 mm (H) x 284 mm (D) Weight : 5.5 Kg



MIL connector (optional)



Damper plate



Docking station with integrated vehicle adapter (DC 12V-32V)

MIL-STD810F / EMI / RFI		
	operating	storage
Temperature	MIL-STD-810F, Method 501.4 / 502.4 Procedure I / II	
	-20°C to +50°C -30° option	-40°C to +70°C
Humidity	MIL-STD-810F, Methode 507.4 Procedure I	
	N/A	95% RH, non-condensing
Rain	MIL-STD-810F, Method 506.4 Procedure I	
	N/A	276 kPa, 0.5 - 4.5mm diameter
Altitude	MIL-STD-810F, Method 500.4 Procedure I et II	
	4 600 m Option: 12 000m	12 200 m
	Altitude change rate: 2,000ft/min	
Shock	MIL-STD-810F, Method 516.5 Procedure I	
	40g, 11ms, 1/2 sinus	40g, 11ms, 1/2 sinus
Vibration	MIL-STD-810F, Method 514.5 Category 5 ,14, 20 , procedure I	
	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration
Salt Fog	MIL-STD-810F, Method 509.4 Procedure I	
	N/A	5% to 35°C
Solar radiation	Diurnal Cycle A1, worldwide deployment	
Explosive Atmosphere	MIL-STD-810F, Method 511.4	
Optional : MIL-STD-461E/ground Navy / Ground Army Zone0/SDIP 27 class A Zone1/SDIP 27 class B		

\* Specifications are subject to change without prior notice  
Tetra computer is a brand name of logic instrument SA

