

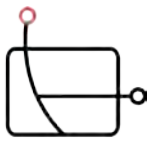
TETRA *note EX 13"*®

ULTRA-RUGGEDIZED NOTEBOOK

PROVEN RELIABILITY AND CONSTANT DURABILITY

- Intel Core 2 Duo Mobile T5500, 2x 1,66 GHz,
- 13.3" XGA TFT LCD 1024 x768
- Optional graphic processor NVIDIA® GeForce®
- Customized MIL connectors
- Up to 4 serial ports
- Sunlight Readable LCD + Touch screen
- Certified MIL-STD-810F & MIL-STD-461E (ground Navy/ground Army)
- Rain, dust, vibration and shock resistant design
- Magnesium casing sealed ports and connector covers
- Wireless capabilities
- Removable and Swappable components (DVD/CD, FDD, Batterie, display...)
- Certified to IP54
- Weight 4.3 kg

TETRA
RUGGED COMPUTERS



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



■ TETRA *note EX*

When you need military computers that are built tough inside and out, TETRA computer is the clear choice. Our computers are housed in a durable magnesium case with individual isolation chambers and sealed ports.

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TETRA *note EX*®

■ Specification

PROCESSOR	Intel Core 2 Duo Mobile T5500, 2x 1,66 GHz,
CACHE	2 MB L2
RAM MEMORY	1 to 4 GB DDRII
VGA	224 MB Intel GMA 950 - 256Bit - 400MHz core 3D/2D DVM
HDD	Optional : NVIDIA® GeForce® 7600 - 256MB DDR2 Removable 120 GB SATA Shock mounted
MULTIMEDIA	Optional : Removable Flash disk HDD Removable and Swappable components DVD Combo (=CD-RW/DVDrom) Optional : DVD Dual Drive (=DVD-RW) + FDD simultaneously 2 nd removable battery (exchangeable against DVD drive) 2 nd HDD (exchangeable against DVD drive)
KEYBOARD	87 keys waterproof backlight keyboard Optional : Rubber backlight keyboard
TOUCHPAD	Sealed PS/2 pressure sensitive type
SOUND	AC97 sound and waterproof stereo speakers
CABINET	Magnesium
DOCKING STATION	Optional : DockUnder with PCI-Slot, VGA/DVI interface and internal vehicle adapter (DC 12V-32V)

■ Interfaces

(leftside)	PS/2, 3x USB 2.0, 1xIEEE 1394 Firewire, 1x Modem , 1x GIGA BIT LAN, PCMCIA 1xtype I/II, 3x Audio, 1x PCIe Express
(backside)	Optional : 2 nd LAN card 10/100/1000 Mbit 56K fax/modem MDC Fiberoptic LAN 100/1000 Mbit PCMCIA 2x type II or 1x type III PC card cover (protection of the PC card connector) 2x serial DB9, 1x printer, 1x Docking, 1x DC, 1x VGA
(internal)	Optional : 4x RS232 external connectors 1x Mini PCI, 2x Mini PCIe , 4x USB 2.0, 2x serial ports (TTL, COM1, COM2) Optional : Integrated CAN bus card

■ Display

	13,3" TFT LCD flat panel XGA resolution: 1024 x 768
Optional :	Sunlight readable display Touchscreen

■ Communication

Optional :	GPRS/GSM (Siemens MC75) WLAN (Intel Pro Wireless 3945ABG 802.11) GPS (UBlox-5H) Bluetooth v2.0 class 1/2
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■ Power Supply

AC INPUT	External AC adapter
BATTERY	Optional : Built in 12-32VDC adapter Primary: 11V/72000mAh Lithium-Ion Optional : 2 nd removable battery (exchangeable against DVD drive)

■ Operating system

Windows vista / XP pro

■ Environmental & Safety/EMC

	MIL-STD-810F, IP54, CE, FCC, E-mark
Optional:	MIL-STD-461E/ground Navy / Ground Army Zone1/SDIP 27 class B

■ Dimensions

246 mm (W) x 67mm (H) x 312 mm (D)
Weight : 4.3 Kg



Customized MIL I/O ports

Environment 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, Method 507.4 Procedure I	
	95% RH, non-condensing	
Rain	MIL-STD-810F, Method 506.4 Procedure I	
	276 kPa, diameter 0.5 - 4.5mm	
Altitude	MIL-STD-810F, Method 500.4 Procedure I	
	4 600 m Option: 12 000m	12 200 m
	Altitude change rate: 2,000ft/min	
Shocks	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 Categorie 5 ,14, 20 , procedure I	
	Tracked Vehicle Vibration Helicopter Vibra- tion 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
Enclosure	Magnesium- certified IP 54; MIL-STD-810F, / EMI /RFI	
Regulation	FCC, Part 15 Class B. Safety: UL, TUV, CE, E-Mark markings	
	Optional : MIL-STD-461E/ground Navy / Ground Army Zone1/SDIP 27 class B	

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

* Specifications are subject to change without prior notice