

TETRA *light xxs*®

WIRELESS RUGGEDIZED 8.4 " TABLET PC

DESIGNED HARSH ENVIRONMENTS.

- Intel Core 2 Duo Processor ULV
- 8,4" TFT XGA display & Resistive touchscreen
- Customization or expansion space for greater flexibility
- Removable SATA HDD 160 GB and above
- Certified IP54 / MIL-STD-810F & MIL-STD-461E*
- Programmable built-in glowing function keys (F1-F6)
- Built-in DC adapter 12~32VDC
- Wireless LAN* ; Bluetooth* ; UMTS (3G)*
- Docklight (MIL connectors optional) for additional connectors
- Built-in heater for -30°C operating temperature *
- Rugged Magnesium case

* Optional

TETRA 
RUGGED COMPUTERS



Semi-Rugged | Rugged | **Fully-Rugged**



■ TETRA *light xxs*®

For harsh environment applications, you need a mobile, light and powerful computer tool.

The TETRAlight XXS is built from the inside and out for extreme environments. Specific requirements are welcome.

TETRA *light xxs*®

■ Specification

CPU Intel Core 2 Duo ULV ULV U7500 2x 1.06GHz
 L2 CACHE 2MB L2
 MEMORY 1Go up to 3GB DDR2 667MHz DRAM
 HDD Removable 2.5" SATA HDD 160 GB upgradeable

Optional : HDD 250GB
 Flash HDD 8/16/32GB SSD
 External FDD - USB interface
 External CD-ROM/RW or DVD/RW - USB interface
 32 Bit 3D/2D GFX
 224 MB of Shared RAM.
 AC97 audio support with stereo speakers

VGA
 VIDEO MEMORY
 AUDIO

■ Interfaces

PCMCIA 1 x PCMCIA Type II ; 1 x Express card
 Optional: 2 x PCMCIA Type II or 1 x Type III
 I/O PORTS 1 x USB 2.0 ; 1x Gigabit LAN
 1 x DC Jack (standard or MIL connectors)
 1 x Serial DB9 (RS232/RS422/RS485)
 1 x Battery port for optional 2nd batt. ; 1 x Docking
 Optional: Docklight port replicator

■ Display

8,4" TFT LCD XGA (1024 x 768) High brightness
 Resistive Touchscreen
 Optional: NVG filter (Night Vision)

■ Control panel buttons

Power on/off ; Brightness control ;
 F1 to F6 & Fn free programmable Function keys

■ Communication

Optional: WLAN 802.11 b/g
 GPS / UMTS / Bluetooth 2.0/ Fax Modem /

■ Port replicator

Optional: Attached to the tablet or the vehicle/office stand units
 IP54 & MIL-STD-810F
 Additional connectors on demand
 optional MIL connectors
 1x serial RS232 (1x RS485 option)
 1x serial RS232 (1x RS422 option)
 1x VGA ; 2x USB sealed ; 2x USB standard ;
 1x DC input ; Gigabit LAN (optional) ; Modem ;
 1x Line in ; 1x stereo speaker out

■ Power & Supply

BATTERY Swappable 11.1V / 4400 mAh Li-Ion battery
 Built-in vehicle DC adapter 12 ~ 32 VDC
 Optional: 2nd Li-Ion Battery 6600 mAh (Hot Swap)

■ Dimensions

250 mm (w) x 190 mm (h) x 42 mm (d)
 Weight : 1.9 Kg



CUSTOMIZATION

Logic instrument R&D and integration department design mechanical and electronic adaptation that fit your particular needs.

---> contact us for further informations



■ ports replicator / Docklight (optional)



■ Docklight with MIL connectors (optional)



Environmental Specification MIL-STD810F / EMI / RFI		
	operating	storage
Temperature	MIL-STD-810F, Method 501.4 / 502.4 Procedure I / II	
	-20°C to +50°C (-4°F to +122°F) Optional -30°C (-22°F)	-40°C to +70°C (-40°F to +158°F)
Temperature shock	N/A	-20°C ~ +60°C (-4°F ~ +140°F)
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 (15000 ft)	12 200 m (40000ft)
	Altitude change rate: 2,000ft/min	
Shock	MIL-STD-810F, Method 516.5 Procedure I	
	40g, 11ms, 1/2 sinus	N/A
Vibration	MIL-STD-810F, Method 514.3 Category 1/ 514.5 Category 14, 20 , procedure I	
	Tracked Vehicle Vibration Helicopter Vibration OH58A/C Comp. Wheeled Vehicle Vibration	M548 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	MIL-STD-810F, Method 505.4 Procedure I	
	N/A	Diurnal Cycle A1, worldwide deployment
Explosive Atmosphere	MIL-STD-810F, Method 511.4	
IEC IP Standard	IP54	
Optional : MIL-STD-461E (Ground Navy & Air Force)		

Feel free to contact us for further informations or connect to www.tetra-computer.com

* Specification subject to change without notice.
 TETRA computer is a brand name of Logic Instrument SA.