

TETRA *note convertible*®

FIRST 12.1" CONVERTIBLE RUGGED TABLET

- Intel® Core™ 2 Duo Merom U7600 1.2GHz
- 10.4" TFT XGA (1024x768) with touchscreen
- or 12.1" TFT WIDE WXGA (1280x800) with touchscreen
- 1200 nits or 400 nits sunlight readable display with touchscreen for 10.4"*
- Active digitizer function*
- WLAN ; Bluetooth ; GSM/GPRS * ; 3G+(HSDPA) *
- Waterproof keyboard (backlighted*)
- Integrated 1.3 Mega pixels CMOS Camera or integrated GPS *
- Fan-less design
- Magnesium alloy casing with hand strap
- MIL-STD-810F & IP54 & Explosive Environment

* Optional



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



■ TETRA *note convertible*®

The TETRAnote convertible Rugged Laptop transforms with one quick rotation to a Rugged Tablet PC. With an Ultra Low Voltage Intel® Core 2™ Duo processor, the convertible boasts a quiet fan-less design with the power needed for your sophisticated software applications.

The TETRAnote convertible features a 10.4 inch LCD display with an optional 12.1 inch widescreen. A full-size 83-key keyboard is included with an option to upgrade to a rubber or LED backlight keyboard. Great for field application, the TETRAnote convertible includes an integrated 1.3MP camera or can be customized to include a built-in GPS receiver and antenna.

- Logic Instrument - 43, avenue de l'Europe - BP 60012 ■ 95331 DOMONT cedex ■ FRANCE
- www.tetra-computer.com ■ Tel : +33 (0)1 39 35 61 61 ■ Fax : +33 (0)1 39 35 62 00

TETRA *note convertible*®

■ Specification

PROCESSOR	Intel® Core™ 2 Duo Merom U7600 1.2GHz
FSB	533-MHz
CACHE	2 MB L2
CHIPSET	Intel 945 GMS / ICH7-M
RAM MEMORY	1GB to 2 GB DDR2 RAM;
VGA CONTROLLER	Integrated in Intel® 945GMS
VGA RAM	128MB shared RAM
HDD	Removable 2.5" SATA 120 GB shock mounted
	Option: Removable 160GB HDD
PCMCIA	Type II x2 or Type III x1
POWER SUPPLY	Li-Ion Battery 5200mAh, 11.1V AC input - 100-240V, 50/60Hz, auto-sensing
	Option : 9 cells battery 7800 mAh (10 hours autonomy) Vehicle adapter (90Watts, 12-32V)
KEYBOARD	Waterproof Keyboard 89 keys
	Option : Backlighted waterproof rubber keyboard
TOUCHPAD	Capacitive touchpad
AUDIO	Azalia 32bits - audio HD & MS-Sound support Integrated speaker 3W x1
SECURITY	Kensington lock ; TPM 1.2 : Trust Platform Module

■ Interfaces

I/O PORTS	Serial port x1, USB 2.0 x2 , RJ-45 x1, RJ-11 x1, VGA port x1 (option RS232 or RS422 serial port) SD port x1, Microphone x1, Line out x1, DC in x1, Docking port x1, 1.3 Mega Pixels CMOS camera (rotate 225°) WLAN switch
	Option: Integrated smart card reader (over PCMCIA port Type II)

■ Display

	Convertible display 10.4" TFT XGA (1024x768) with touchscreen or 12.1" <u>Wide Screen</u> TFT WXGA (1280x800) with touchscreen Landscape/Portrait mode
	Option: 1200 nits or 400 nits sunlight readable display with touch-screen for 10.4"
	Digitizer display + active pen (Unavailable with MIL-STD461E)

■ Communication

	Ethernet 10/100/1000 base-T ; Modem 56 Kbps ; Intel PRO/Wireless 3945 a/b/g; Bluetooth v2.0+ EDR class2
	Option: Wireless 3G+ (GSM/GPRS/EDGE/UMTS/HSDPA) Integrated GPS module (replace camera)

■ Power & Supply

BATTERY	Li-ion 5200mAh 11.1V smart battery
	Option: Secondary battery 7800mAh
AC/ADAPTER	40 Watts Input 100-240v, 50/60Hz AC
	Option: vehicule adapter 90W 12/32V

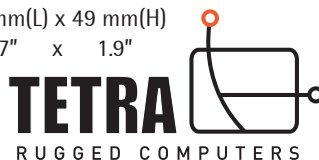
■ Software

WIN XP PRO/ WINDOWS XP TABLET PC EDITION

■ Dimensions

10.4" : 285mm(W) x 222mm(L) x 49mm(H)
11.2" x 8.7" x 1.9"
12.1" : 311mm(W) x 222mm(L) x 49 mm(H)
13" x 8.7" x 1.9"

WEIGHT
10.4" : 2.2kg (4.9lbs)
12.1" : 2.45kg (5.4lbs)



Feel free to contact us for further informations or connect to the website www.logic-instrument.com

* Specification subject to change without notice.



Backside

Line out	x 1	Microphone	x 1
External VGA	x 1	Serial port	x 1



Leftside

PCMCIA	x 2	SD card reader	x 1
RJ-45	x 1	RJ-11	x 1
USB 2.0	x 2	DC in	x 1



Rightside

Battery door	x 1	HDD door	x 1
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Accessories :

Vehicle docking ; Battery charger
Vehicle adapter (90Watts, 12-32V)
Carrying bag ; Shoulder strap
External USB DVD Combo
External USB DVD-DUAL
Digitizer stylus ; Touch screen stylus

Environmental specifications		
	operating	Storage
Temperature	IEC 68-2-1,2,14 / MIL-STD-810F, Method 501.4, 502.4	
	0°C to 60°C -20° to +60°C (option)	-40°C to +70°C
Humidity	IEC 68-2-30 / MIL-STD-810F, Method 507.4	
	5% to 95% RH, non-condensing	
Altitude	IEC 68-2-13/ MIL-STD-810F, Method 500.4	
	4 500 m	12 000 m
	Altitude change rate: 2,000ft/min	
Shock	IEC 68-2-27/ MIL-STD-810F, Method 516.5	
	15g, 11ms, 1/2 sinus	50g, 11ms, 1/2 sinus
Drop	IEC 68-2-32 / MIL-STD-810F, Method 516.5 1 m over concrete	
Vibration	IEC 68-2-6 / MIL-STD-810F, Method 514.5	
	10~55Hz/ 0.075mm ; 55~500Hz/1.0g	10~55Hz/0.15g ; 55~500Hz/2.0g
ESD	IEC1000-4-2	
Enclosure	Certified IP 54; MIL-STD-810F, Method 506.4 - 510.4; IEC 529, NEMA	
Explosive Environment	MIL-STD-810F, Method 511.4	
Regulation	FCC part 15, Subpart B, Class B, UL, CUL, TUV, CE, CCC, WHQL, E-mark, RoHS, WEEE	
	Option : MIL-STD-461E	