

TETRA B300®

TRUE READABILITY IN THE FIELD

- High Sunlight Readable Technology 1200 Nits* with Touch Screen*
- Full Magnesium Alloy Case
- Shock-mounted Removable HDD
- Vibration and Drop-Shock resistant.
- Sealed Ports and Connectors
- MIL-STD 810F and IP54 Compliance
- MIL-STD 461E Compliance*
- Salt Fog Compliance*
- Night Vision*
- Versatile Wireless Access: WLAN, WWAN and BT

* Option



GETAC

B serie



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



■ TETRA B300®

The B300 is a hard-as-nails road warrior that has been designed to be fully customisable. With an extensive list of security, power and connectivity options as well as 12 hours battery life, the B300 ensures productive, worry-free mobile computing.

The B300 features a 13.3" TFT XGA transmissive ultra-bright, sunlight readable display with optional touch screen functionality and is the first rugged notebook to offer up to 1200 nits sunlight readable technology.

The B300 is both MIL-STD-810F and IP54 compliant, boasting a Magnesium Alloy design and shock mounted HDD, vibration and shock resistance, and sealed I/O caps and doors to prevent damage from solid particles and moisture.

The B300 also includes advanced security features to safeguard important data, such as a fingerprint scanner, TPM V1.2 and optional smart card reader and includes comprehensive connectivity options, such as Bluetooth, Wireless LAN, GPS or 3G.

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TETRA B300

TETRA[®] B300

■ Specifications

PROCESSOR	Intel®Core™2 Duo Merom L7500 1.6GHz processor
FSB	800MHz
CACHE	4 MB L2
CHIPSET	Intel 945GM
RAM MEMORY	512MB DDR2 expandable to 4GB
VGA CONTROLLER	Integrated in Intel® GM965, 384MB shared memory
HDD	Removable SATA 80GB HDD expandable to 160GB
MULTIMEDIA BAY	Option : HDD heater for low temperature -20°C
	Easy swappable bay for DVD Dual (+R/RW, -R/RW) or
	Option : 2 nd HDD 80/120GB
POWER SUPPLY	2 nd Li-Ion Battery 7650 mAh.
	AC Adapter (90W, 100-240V, 50/60Hz)
	Option : Vehicle adapter (90Watts, 12-32V)
BATTERY	MIL 461E Compliant AC Adapter
	Li-Ion Smart battery 7650mAh (Up to 10 hours of battery life)**
	Option : 2 nd Li-Ion battery 7650 mAh
KEYBORAD	Waterproof membrane keyboard
TOUCHPAD	Option : Waterproof LED backlight membrane keyboard
	Glide touchpad with scrollbar

■ Interfaces

PCMCIA	Type II x2 or Type III x1
I/O PORTS	Option : Express card 34/54mm (occupies one PCMCIA type-II slot)
	Smart card reader (occupies one PCMCIA type-II slot)
	Serial port x2 - Firewire x1 - USB2.0 x3
	External VGA x1 - DC input x1- RJ-45 x1 - RJ-11 x1
	Microphone x1 - Line out x1 - Expansion Bus Connector x1
	Kensington Lock

■ Communication

	Ethernet Gigabit 10/100/1000 base -T
	Modem 56 Kbps; Wireless Intel® PRO/Wireless 4965a/g/n
Option :	GPS (with internal antenna and external antenna port)
	Bluetooth (v2.0 + EDR class 2)
	Wireless 3G+ (GPRS/EDGE/UMTS/HSDPA)

■ Operating system

Genuine Windows® XP Professional
Microsoft® Windows® Vista Compatible

■ Display

	13.3" XGA (1024 X768) TFT LCD (STANDARD 500 NITS)
Option:	Touchscreen display
	1200 Nits sunlight readable display with touchscreen

■ Security

Fingerprint Scanner
TPM 1.2
Kensington lock

■ Environment

	MIL-STD810F, IP54
Option:	Salt Fog compliance
	MIL-STD461E compliance

■ Dimensions

305.5 mm (11.9") W x 60mm (2.36") H x 272 mm (10.35") D
Weight : 3.5 Kg



■ Accessories

- Vehicle Dock
- Office Dock (available in Q3'08)
- Carrying bag



Backside

DC in x 1 USB 2.0 x 1
Expansion Bus Connector x 1
External VGA x 1 Serial Connector x 2



Leftside

Battery Pack x 1 Media Bay x 1



Rightside

Hard Disk Drive x 1 Expansion Card Slot x 2
USB 2.0 x 2 IEEE 1394a x 1
Card Reader x 1 Modem (RJ-11) x 1
Network (RJ-45) x 1 Audio Output x 1
Microphone x 1
External GPS Antenna Port (only with optional GPS) x 1

Environment : MIL-STD810F		
	OPERATING	STORAGE
TEMPERATURE	IEC 68-2-1,2,14 / MIL-STD-810F, method 501.4, 502.4	
	0°C (32°F) to +55°C (131°F) -20°C (4°F) to +55°C (131°F) (option)	-40° (40°F) to +70°C (158°F)
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	
	4 600 m (15,000 ft)	12 200 m, (40,000 ft)
	Altitude change rate 610 m (2,000 ft/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	
	0.9 m (3 ft)	
VIBRATION	IEC 68-2-6 / MIL-STD-810F, method 514.5	
	10~57.5Hz/ 0.075mm , 57.5~500Hz/1.0 g	
ENCLOSURE	IP 54 Certified	
ESD	IEC 1000-4-2	
REGULATION	FCC, UL, TUV, CE, CB	
OPTION :	MIL-STD461E SALT FOG compliance	

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

* Specification subject to change without notice.

** All operation times are estimated only. Battery performance stated herein is approximate and will vary upon applications, power management , settings, LED brightness, feature utilized and customized condition.