

TETRA P470[®]

*THE LEADING EDGE OF RUGGEDIZED NOTEBOOK
VERSATILE TECHNOLOGIES*

- Designed to meet MIL-STD 810F
- Screen Size: Large 14.1" Wide Screen
- Media-bay Features Maximize Flexibility and
- Customized Applications
- Full Magnesium Alloy Case
- Sealed Ports and Connectors
- Shocked-mounted Removable HDD
- Vibration & Drop-shock Resistant
- Water and Dust Resistant
- Sunlight Readable LCD Screen
- Versatile Wireless Access: WLAN, WWAN, and BT

TETRA
RUGGED COMPUTERS

GETAC 

Semi-Rugged Rugged Fully-Rugged



TETRA P470[®]

Powered by Intel[®] Centrino[®] Mobile Technology, Core[™] 2 Duo processor and a dedicated graphics processor you can have the best wireless access and performance in various applications. TETRAP470 is equipped with 14.1" wide sunlight readable touch screen which offers readability to outdoor situations as well as indoors.

WLAN can be instantly switched to a built-in 3G+ communication solution to maintain accessibility to networks.

In the tough environments security always matters, the P470 has a built-in TPM 1.2 module, finger print scanner and Smart Card reader to provide additional 3 layers of excellent protection for valuable data.



TETRA P470[®]

PROCESSOR	Intel® Core™ 2 Duo T7200 2GHz ;
FSB	400MHZ
CACHE	4 MB L2 Cache
RAM Memory	1GB DDR2 expandable to 2GB
VGA Controller	Integrated in Intel® 945GM, 128MB shared memory
HDD	Optional : ATI M62P VGA with 256MB VRAM Removable. SATA 120GB expandable to 160GB
MEDIA BAY	Optional : 2 nd HDD 80 /120 GB in media bay Easy swappable bay for Super Multi DVD R9 (standard) or FDD / 2 nd Battery / 2 nd HDD
BATTERY	Optional : Customized I/O ports (Parallel port, serial port and etc.) Li-Ion smart battery (4700mAh) Optional : Li-Ion smart battery (7200mAh) 2 nd Li-Ion battery pack in Media Bay (3700mAh)
POWER	VAC adapter (90W, 100-240V, 50/60Hz) auto sensing
KEYBOARD	Waterproof membrane keyboard Optional : Projected LED light for keyboard (instead of webcam)
TOUCHPAD	Pressure sensitive touch screen Glide touchpad with scroll bar
SOUND	2 x Built-in stereo 1.5W speakers Mic Array with Noise Cancellation, Echo Cancellation

Interfaces

PCMCIA	Type II x2 & Express card/54 x1
I/O PORTS	Serial Port x1; USB2.0 x3 ; Ext. VGA x1; 1394B x1 RJ-45 x1 ; RJ-11 x1 ; Microphone x1; Line out x1 DC in x1 ; Docking port x1
OTHER	Smart card reader Fingerprint scanner Webcam CMOS 1.3 Mega Pixels Optional : See additional I/O ports on media bay

Operating system

Microsoft® Windows® XP Professional

Communication

10/100/1000 base-T Ethernet ; 56K ITU V.92 modem
Intel PRO/Wireless 802.11 a/b/g/n
Bluetooth v2.0 class 2
Optional : GPS Module (with integrated antenna)
3G+ (HSDPA) Module

Display

14.1" WXGA (1280 x 800) TFT LCD
Optional : Polarized Touch screen & Sunlight readable display

Security Features

TPM 1.2
Kensington lock
Fingerprint scanner
Smart Card reader

Environmental

MIL-STD-810F compliant

Dimensions

333 mm (W) 295 mm (D) x 42 mm (H)
(13.1" x 11.6" x 1.6")
Weight : 2.95 Kg (6.5 lbs)

Accessories

– Carrying bag
– Office dock
– Vehicle doc



Backside

4800 mAh Li-Ion primary battery pack
External VGA x 1
Serial Port x 1



Leftside

ExpressCard x 1	PCMCIA Type II x 1
1394B x 1	USB 2.0 x 1
4 in 1 Card Reader x 1	RJ-45 x 1
RJ-11 x 1	Headphone OUT x 1
Microphone x 1	DC IN x 1



Rightside

USB 2.0 x 2
Media Bay x 1
Smart Card Reader x 1
Shock-mount Hard Drive x 1

Environmental specifications		
	OPERATING	STORAGE
TEMPERATURE	0°C to +45°C	-40° 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	
	4 600 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	
DROP	90cm (3ft)	
VIBRATION	IEC 68-2-6 / MIL-STD-810F, Method 514.5	
ESD	IEC 1000-4-2, Level 4	
REGULATIO		

Nummer	Bezeichnung	Preis zzgl. MwSt.
170246	<p>P470 TetraNote LS Semi-rugged Notebook Display: 14.1" WXGA color TFT LCD 1280x800 Pixel Grafik: integrierte Intel Grafik mit 128MB Shared RAM, CPU: . Intel Pentium® M Core 2 Duo Processor 2.00GHz(T7200) RAM: 1GB DDR2 RAM 200 Pin, Chipsatz: Intel 945 mit ICH7-M Southbridge Laufwerke: wechselbare 120GB 2.5" S-ATA HDD, DVD Dual Brenner Schnittstellen: 1x Seriell, 1x VGA, 1x RJ11, 1x RJ45, 3x USB 2.0, 1x DC-in, 1x 1394a, 1x Kensington hole, PCMCIA 1x Type II, 1x ExpressCard/54, 1x Line-Out, 1x Mic-In, 1x Docking Port, 1x Fingerprint Kommunikation: Intel WLAN 3945 a/b/g, Gigabit LAN, 56k Modem, FireWire 400 Stromversorgung: wechselbarer Li-Ion Akku (4800 mAh), Netzteil 100-240VAC, 50/60Hz, 90W Gehäuse: wasserfeste Tastatur, Media Bay für DVD-Laufwerk sowie optionales Zubehör (z.B.: 2. HDD, 2. Akku) Zubehör: integrierte Lautsprecher, integrierte 32 Bit Soundkarte mit HD Audio Unterstützung, Smart Card Reader, Bluetooth, Webcam Schutzklasse: MIL-STD-810F Garantie Notebook: 3 Jahre Bring-in Service Garantie Akku: 6 Monate Bring-in Service Abmessungen: 333mm x 295mm x 52mm</p>	2.439,00

Zubehör / Erweiterungen:

130096	HSDPA Wireless Modem (P470) , Novatel EU870	417,99
130098	GPS Module (P470)	121,69
160041	LED Projektionstastatur für P470	79,37
180117	Ersatzakku für P470	132,28
190227	Carrying Bag (M230, A790, V100, P470) , Tragetasche	38,50
230085	RAM-UP 1024MB->2048MB (P470) , 2x 1 GB DDR2 RAM Modul	128,57
260052	14,1" Sunlight readable LCD (P470) , (1280x800 Pixel)	312,17
260053	14,1" Polarizer Touch Screen (P470)	312,17
310014	Office Docking Station (P470)	238,10
310015	Auto Docking Station (P470)	449,74