



Der hochrobuste Convertible-PC 1210-V100 Ideal für die Navigation und viele andere Einsätze unter härtesten Bedingungen

...denn mit uns kommen Sie ans Ziel!!!

Strong design and reliability.

This rugged portable product extends the range of usability into the harsh industrial and military markets as well as for hard travelling purposes, sacrificing nothing of the ergonomic design in our work but meeting the rugged demands head on. Resistance to humidity, dust, shock and vibration is achieved by the complex and unique engineering of the electronic as well as an enclosure (case).



1012-V100

1012-V100		System
Processor and Chipsets		
	Processor Type	INTEL Yonah Processor Core Duo Ultra Low Voltage 1.2 GHz
	CPU front side bus - Cache	533 MHz FSB - 2 MB L2 cache
	Intel Chipset	Intel 945GMS + ICH7-M
System Memory		
	Memory	512 MB SO DIM DDR2 (up to 2 GB)
Display		
	Size and Resolution	Wide TFT 10,4" XGA, 1024x768, 256k colors – 300 nits Rotating & Convertible display Landscape/Portrait display mode switch function – With Touchscreen
Graphic Controller		
	Chipset	Integrated in Intel Chipset - 166MHz core render clock with Dynamic Video Memory Technology (DVM 3.0)
	Memory	Up to 128 MB shared memory
Integrated Drives		
	Hard disk	Removable 2.5" EIDE Drive 120 GB SATA with shocks protection
Audio		
	Controller	Azalia 32 bits 192 KHz / AC97' 2.3 Audio digital controller Build-in one Stereo 2W speaker
Communication		
	Wired LAN	Intel Pro 10/100/1000 Base-T Ethernet
	Modem	Analog 56k, V92 modem
	Integrated WebCam	Integrated 225° Camera with 1.3 M pixels
	BlueTooth	BlueTooth v2.0
PC Card and SD Card		
	Controller	Two slots, 2 x Type II or 1 x Type III slots - 32-bit CardBus (3.3 and 5 Volts compatible) - 1 SD Card Reader
Input Devices		
Keyboard		
	Number of Keys	82-key, water- & dust-proof membrane keyboard
	Languages Available	German, English US, English UK, others on request
Pointing Device		
	Type - Interface - Operation	Touch pad - PS/2 compatible - 2 buttons
External Interfaces		
	Serial Ports	1x RS232 , 9-pin DSUB
	USB 2.0	2 x USB 2.0 Ports
	Port Replicator	1xPort Replicator
	VGA	1x15-pin DSUB, for analog CRT / Beamer
	Audio	External output, Microphone jack
	LAN	RJ45 10/100/1000
	Modem	RJ11 56k V92
	DC input	19 V DC
Power		
	AC input	100/240 VAC, 50/60 Hz 40 W max (via external AC adapter)
Battery		
	Primary Battery	Removable Li-Ion 5200 mAh / 11,1 Volts Smart Battery (About 5 hours) in standard
System Dimensions & Weight		
	Approx. Weight	2,2 Kg with 10.4" display and Standard battery – 2.65 Kg with 12" display and optional High capacity battery
	Approx. Dimensions	285mm(W) x 230mm(L) x 57mm(H) with 10.4" display
Operating System		
		MS Windows 2000 / XP/ XP Tablet Edition 2005, Linux

Available Options



Display	12.1" Wide Screen TFT WXGA (1280x800) LCD or 10,4" XGA Active digitizer (required Windows XP Tablet Edition)
Daylight Readability	Daylight readable polarized filter display included in our special Trophy-Tec version
External Drives	External USB 2.0 DVD-RW dual layer drive - USB Floppy Drive – USB Memory Stick
HDD Options	Maximum capacity industry available SATA 2.5" EIDE
Security	TPM 1.2 – Smart Card Reader (uses 1xtype II PCMCIA)
Communications	GPS, 3G CDMA 2000 1x EVDO ; 3G WCDMA or HSDPA (UMTS); 802.11a/b/g, 2 nd RS232 or RS422 port (instead of SUBD 15 pins video output)
Battery	High Capacity Battery (7 hours) - 7800 mAh / 11,1 Volts
Rubber Keyboard	Rubber keyboard or Back lighted Rubber keyboard option
Power Adapters	External Car Adapter/Charger
Battery Charger	External charger for MAIN and secondary batteries
Docking Station	Office Docking Station – Vehicle Docking Station
Environmental	-20°C preheating option for HDD, MIL STD 461E (CE102, CS114, 115 & 116, RE102, RS103), TEMPEST and GAM EG13 (consult factory) ...

Environmental Specifications

Temperature	Per IEC 68-2-1,2,14 / MIL-STD-810F, Method 501.4, 502.4
Operating	0 °C to +55 °C (Standard)
Non-Operating	-40 ° to +70 °C (tested)
Humidity	Per IEC 68-2-30/MIL-STD-810F , Method 507.4
Relative humidity	5 % to 95 % Relative humidity, non-condensing
Altitude	Per IEC 68-2-13 / MIL-STD-810F , Method 500.4
Altitude change rate	600 meters/min
Operating	4570 meters
Non-operating	12190 meters
Enclosure Class	Per IEC529, MIL-STD-810F Method 506.4, 510.4 IP 54 (all I/O covers closed)
Vibration	Per IEC 68-2-6 / MIL-STD-810F, Method 514.5C
Operating	10~55Hz/0.075g, 55~500Hz/1.0g
Non-Operating	10~55Hz/0.15g, 55~500Hz/2.0g high way truck vibration exposure
Shock	Per IEC 68-2-27 / MIL-STD-810F, Method 516.5
Operating	15g , 11 ms, half sine wave
Non-Operating	50g, 11 ms, half sine wave
Explosive	Explosive test Per CSA Class 2.1
Drop	Per IEC 68-2-32 / MIL-STD-810F, Method 516.5 26 times - 1 meter height free drop still (on concrete)
Regulation	Regulation FCC part 15, Class B, UL, CUL, TUV, CE, CCC, WHQL, BSMI, RoHs, WEEE, E-Mark

Convertible Rugged Core Duo Notebook/Tablet unit

10,4" or 12" display options **IP54 Protection** **Including Daylight-Display**
Vehicle Mounter available **Mil-Std-810F Compliant** **Mil-Std-461 (Optional)**

Änderungen im Sinne des technischen Fortschritts sowie Irrtum vorbehalten

Weitere Infos und Produkte: <http://www.trophy-tec.de>