

TETRA²[®]

RUGGED, PORTABLE AND MULTI-SLOTS PC
THE REFERENCE

- Moulded ABS shell and aluminium chassis.
- Intel Core 2 Duo T7200
- Easy access and 3-axis add-in card hold-on system
- 14" TFT XGA display high resolution
- Optimum readability for image processing applications
- CE / FCC class A conformity



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If the Tetra2 has become the Reference of numerous actors of the industry, the reason is that no other computing solution offers the same quality level with such an expansion capacity in such a compact volume.

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■ Specification

CPU	Intel Core 2 Duo T7200
CHIPSET	i945GM Chipset
CACHE	4 MB L2
BUS	FSB 533/667 MHz
PCI BUS	33 Mhz /32 bits
RAM Memory	2 x DDRII 533/667MHz 1GB up to 3GB
HDD	3.5" 320GB SATA
	Optional : 2.5" 80 GB SATA
DVDRom Drive	DVD+/-RW slim
ETHERNET	Gigabit Ethernet Intel 82573L
	Optional : secondary Gigabit LAN
KEYBOARD	PS/2 standard: 105 keys
AUDIO	Intel ICH7-M with Realtek ALC655 5.1CH
POINTING DEVICE	Built-in Touch pad

■ Display

14.1" TFT LCD flat panel XGA display (1024 x 768)
Contrast and Brightness control
224MB shared video memory
optional : DVI port takes 1 slot

■ Interfaces

EXPANSION I/O PORTS	6 x PCI slots 32bits (33 MHz) Full Length
	1x COM port (RS232/422/485), 2x USB2.0, 1x VGA

■ Power supply

AC INPUT	100 – 240V / 47-63Hz ; 400W
OUTPUT	+3.3v/30A, +5v/40A, +12v/20A
	-5v/0.5A -12v/1A
	UL 1950 CSA 22.2 N°950 TUV
	EN60950 CE EN 50081.2 EN 500822
DC INPUT	Optional

■ Dimensions

410 mm (W) x 290mm (H) x 250 mm (D)
Weight : 9.750 Kg

ENVIRONMENT	STANDARD/TESTING	OPERATING	NON OPERATING
Temperature	IEC 68-2-1.2	0°C to 45°C (std)	-20°C to + 70°C
Humidity	IEC 68-2-56	40°C : 5 to 93 %	30°C : 5 to 93 %
Shock	IEC 68-2-27	30g (6ms) 10g (11 ms)	40g (6ms) 10g (16ms)
Vibration	IEC68-2-36	9-200 Hz, 1g 200-500 Hz, 15.g	9-200 Hz 1g 200-500 Hz 1.5g
Drop	ICE68-2-32	10 cm	1.0m in shipping parcel
Conformity	EMC Safety		CE/FCC Class A IEC 60950 : 1991 and A1-A4

■ POWER

THANKS TO THE TETRA², YOU ENJOY THE PERFORMANCES OF YOUR DESKTOP PC WHILE YOU ARE IN THE FIELD

■ MODULAR

THE MODULAR DESIGN OF THE TETRA² ENABLES OUR R&D TEAM TO IMAGINE THE SOLUTION WHICH MEETS YOUR APPLICATION REQUIREMENTS.

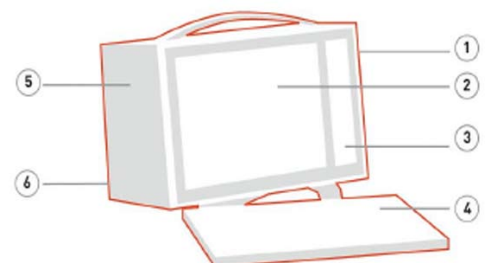


6 PCI slots enable complex applications



APPLICATION CASES :

- MAINTENANCE AND PROGRAMMING OF ROBOTS IN FACTORIES
- FAILURE TRACING AND DIAGNOSIS (CAR MANUFACTURING...)
- TELECOMMUNICATION AND SIGNAL ANALYSIS IN THE ARMY · LAN, WAN, SS7 AND VoIP
- PROTOCOL ANALYSIS
- MPEG2 TESTING PLATFORM
- THERMAL IMAGING AND HIGHSPEED VIDEO IMAGE ACQUISITION
- TELEPHONE CALL RECORDING



- ① Multi-fan forced cavity cooling
- ② 14.1 XGA display
- ③ PS/2 standard connector
- ④ 105 keys keyboard with built-in touch pad
- ⑤ Moulded ABS shell
- ⑥ Optional AC/DC power supply

Feel free to contact us for further informations or connect to the website www.tetracomputer.com

TETRA 
RUGGED COMPUTERS