

TETRA *smart s*®

smart RUGGED SLIM ATTACHE ADD-IN COMPUTER

- Intel® Core™2 Duo Mobile Processor T7200
- 2 Full Length PCI Slots
- Optional SSD flash disk
- Silicon Rubber Keyboard
- 17" TFT LCD display WXGA+ or WUXGA
- Optional WLAN 802.11b,g
- New welded aluminium enclosure with carry handle
- Design to meet MIL-STD-810F
- Sealed ports and connectors
- Optional Removable 2nd HDD drive
- Customization on demand



PRELIMINARY SPECIFICATIONS



TETRA *smart s*®

The TetraSmart is the perfect platform for mobile instrumentation applications requiring up to two PCI add-in cards. New TetraSmart's rugged aluminum case survives the day to day abuse of the flight line, shipboard operations or forward deployed environments. There's no missed detail with its bright 17" WXGA+ or WUXGA display screen and multiple storage options and RAID allow room for huge data and video files. MILSPEC connector panels available.

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TETRA smart



TETRA *smart s*[®]

■ Physical configuration

PROCESSOR	Intel® Core™2 Duo Mobile Processor T7200
CACHE	4 MB
CHIPSET	Intel® 945GME
RAM MEMORY	Up to 4 GB DDRII
HDD	2.5" removable HDD 160GB SATA
	Option : 2 nd HDD 2.5" SSD
	2 nd HDD 3.5" 360GB
KEYBOARD	Silicon Rubber Keyboard
POINTING DEVICE	Touchpad
AUDIO	Stereo speakers
DVD DRIVE	DVD/RW

■ Display

	17" WXGA+ TFT LCD (1440 x 900)
	Option : 17" WUXGA TFT LCD (1920 x 1200) *

■ Interfaces

I/O PORTS	1x COM RS232
	1x VGA
	1x S-video TV-out
	1x RCA jack video
	4x USB 2.0
	1x IEEE1394
	Line-out, Line-in, Micro
	SPDIF- out
	2x RJ45 (1x Gigabit LAN + 1x 10/100 Base T)
	1x PS/2 keyboard
	1x PS/2 mouse
	Option : 2 nd COM RS232

ADD-IN CARD EXPANSION	2 Full Length PCI Slots
	Option : 2x PCMCIA Type I/II (Take 1 PCI slot)

■ Communication

ETHERNET	Gigabit LAN + 1x 10/100 Base T
	Option : WLAN802.11 b,g

■ Power

DC In	12~32V
EXTERNAL AC/DC ADAPTER	100-240V~2A 50-60Hz

■ Dimensions

161.1 mm (L) x 161.8 mm (H) x 368 mm (P)
Weight : 8.5 Kg



Feel free to contact us for further informations or connect to the website www.tetracomputer.com
Specification subject to change without notice.



■ MODULARITY :

TETRA*smart s* 2 PCI slots enable complex applications on the field. The modular design of the TETRA*smart s* enables our R&D team to imagined the solution which meets your application requirements.



■ RUGGEDNESS :

New Attache style hard-case eloxed folded stress-relieved welded aluminium with integral carry handle. MILSPEC connector panels are available to provide added protection for your function cards.

Design to meet MIL-STD-810F :		
	OPERATING	STORAGE
Temperature	MIL-STD-810F, method 501.4, 502.4 procedure I/II	
	-5°C to +43°C	-33°C to +63°C
Shock	MIL-STD-810F, method 516.5, procedure I (functional shocks)	
	10g (11ms)	n.a
Vibration	MIL-STD-810F, method 514.5, procedure I (General vibrations), category 4 (truck/trailer/tracked - restrained cargo), table 514.5C-1 (truck transportation over US highway)	
	10-500 Hz 1g RMS max.	n.a
Enclosure	aluminium	
IP rating	IP43. following IEC-60529	