

LOGIC TETRASMART

RUGGED ADD-IN COMPUTER



- *All-Metal Construction*
- *Up to 5 Expansion Slots*
- *PCI or ISA Slot Mix*
- *3 GHz Pentium IV*
- *15" LCD TFT Display*
- *Optional SXGA+ Display*
- *AC/DC Power Supply*
- *MIL-STD-810 Rated*



CONTACT

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The TetraSmart is the perfect platform for mobile instrumentation applications requiring up to five add-in cards. TetraSmart's aluminum case survives the day to day abuse of the flight line, shipboard operations or forward deployed environments. Get power from any AC or DC source from 90 to 265 VAC and 10 to 30 VDC. There's no missed detail with its bright 15" XGA or SXGA+ display screen and multiple storage options allow room for huge data and video files.

LOGIC TETRASMART

SPECIFICATIONS

PHYSICAL CONFIGURATION

Chassis constructon: Attache style hard-case eloxed folded stress-relieved welded aluminium, integral carry handle
 Dimensions: 16.5" (W) x 6.7" (H) x 13" (D)
 Weight: 21.5 lb.

ADD-IN CARD EXPANSION

3 full & 2 half PCI slots
 2 full & 2 half PCI slots
 2 full & 1 half ISA slots, 1 full & 1 half PCI slot

SYSTEM FUNCTIONALITY

Processor: Intel Pentium IV, up to 3GHz
 SDRAM memory: 1 GB
 HDD capacity (standard) : 160 GB ATA/100 7200rpm Hard Disk
 HDD capacity (option): 36Gb SCSI U2W & ULTRA160 upwards, 250 GB ATA/100 7200 rpm Hard Drive
 Floppy Disk Drive: 1.44Mb 3.5" IDE
 CD/DVD Drive: Combo CD R/W, DVD Read
 Ethernet: 10 Base T - 100 Base TX
 Keyboard: 114 Key Silicon Rubber Keyboard
 Pointing device: Built-in Hula Point
 I/O Ports: 2 RS232C, 1 Parallel (ECP-EPP), 1 USB 2.0, 1 external CRT, 1 RJ-45 LAN
 Audio: Codec AC97 with 2 built-in speakers
 Options: 2 cooling fans (standard USB 2.0 interface)

DISPLAY

Display Description: 15.0" XGA TFT LCD (1024 x 768)
 Optional SXGA+ (1400x1050)
 Video controller: ATI Mobility Radeon Video memory: 16Mb or 32 Mb
 DDR AGP4X -Open GL performances

POWER

AC Input: 300 W / 90-265 VAC / 47-63 Hz, Universal
 Output: 3.3V/20A, 5V/25A, 12V/16A, -5V/0.3A, -12V/0.8A
 DC Input (option): 300W 18-36VDC power supply
 DC/AC inverter (option): 12VDC or 24VDC external inverter for 300W AC power supply

OPTIONS & ACCESSORIES

PCMCIA : Optional (takes 1 slot)
 Peripherals: 2nd 2.5" HDD, DVD ROM drive or CD RW writer or combo drive
 Ethernet: Optional Dual Ethernet or 1Gbit Ethernet
 Fax/Modem: Optional (PCMCIA, ISA or PCI interface)
 Carrying handle: Standard
 Carrying bag: Standard (rigid bag)
 Hard Case: Optional

SAFETY & CONFORMANCE

UL 1950, EN60950, CSA 22.2 level 3, NEMKO, TUV, CE, FCC Part 15 Class "B"

ENVIRONMENTAL

Test Parameter Operating

Temperature: 0° C to +50° C (std)
 Humidity: 40° C: 5 to 93%
 Shock: 30g (6ms)
 10g (11ms)
 Vibration: 9-200 Hz, 1g
 200-500 Hz, 1.5g

Test Parameter Storage

Temperature: -40° C to +70° C
 Humidity: 30° C: 5 to 93%
 Shock: 40g (6ms)
 10g (16ms)
 Vibration: 9-200 Hz, 1g
 200-500 Hz, 1.5g

Test Parameter

Drop (non-operating): 4 inches
 39" in shipping carton



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