



Advanced Tubular
Technologies, Inc.

Technology
Alliance



PC Panel Specifications

General Specifications

- **Vibration:** 5 ~ 500 Hz 1 G RMS
Random Vibration
- **Dimensions:** 402x 302 x 127 mm
(15.94" x 11.88" x 5")
- **Weight:** 10 kg (22 lbs)
- **Power supply:** 80 watt
Input voltage: 100 VAC / 3 A ~ 250 VAC / 1.2 A @ 47 ~ 63 Hz
Output voltage: +5 V @ 12 A, +12 V @ 1.0 A
- **Cooling fans:**
Dimensions (W x H x D): 60 x 60 x 10 mm (2.36" x 2.36" x 0.39")
Flow rate: 15.6 CFM
- **Disk drive housing:** supports one 2.5" HDD, one slim size CD-ROM and one slim size FDD
- **Main structure:** Stainless steel back case, 8 mm thick aluminium front panel meets NEMA4 or IP56 protection standard.
- **Operating temperature:** 0 ~ 50°C
- **Storage temperature:** -20 ~ 60° C
- **Weight:** 10 kg



Standard PC Functions

- **CPU:** Socket 370 Intel Pentium® III up to 850 MHz/Celeron™ up to 700 MHz
- **BIOS:** Award Flash BIOS 2MB
- **RAM:** One DIMM socket supports up to 256MB SDRAM
- **Multi-mode parallel port:** Supports SPP/EPP/ECP parallel modes. BIOS configurable to LPT1, LPT2, LPT3 or disabled
- **Serial ports:** Four serial ports with three RS-232 ports (COM1, 3, and 4), and one RS-232/422/485 port (COM2). All ports are compatible with 16C550UARTs
- **IDE hard disk drive interface:** Primary IDE channel supports two IDE devices. One channel supports PIO modes 0 ~ 4, DMA mode 0 ~ 2, and Ultra DMA simultaneously. The secondary IDE channel is designed for the CD-ROM drive
- **Universal serial bus (USB) port:** Supports up to two USB ports
- **Expansion slot:** One PCI and one PCI/ISA combined
- **Watchdog timer:** 62-level, interval 1 ~ 62 seconds.
- **2nd level cache:** 256 KB On CPU full-speed cache

LCD Display

- **Size (diagonal):** 15"
- **Resolution:** 1024 x 768
- **Luminance (cd/m²):** 200 cd/m²
- **Dot Pitch:** 0.297 x 0.297
- **Viewing angle:** 110(V), 120(H)

Touch Screen

- **Type:** Analog resistive, continuous resolution
- **Light transmission:** 72% (surface meets ASTM-D3363- 92A standard, taber abrasion test)
- **Controller:** RS-232 (interface through COM4)
- **OS:** Windows 2000 Professional