

# MDC-370

## 17" Touchscreen Computer

The **MDC-370** Touchscreen Panel PCs are powerful solutions for industrial systems that require high-performance graphics and visual output. The **MDC-370** features dual-monitor support and TV-out for applications that require more than one display. This **MDC-370** also supports the Portrait mode where you can rotate the display and touchscreen by 90 degrees for a vertical page view. The modular nature of the **MDC-370** allows this all-in-one computer to be easily integrated into your custom enclosure. The **MDC-370** is ideal for advertising, automation, industrial, interactive kiosks, advanced game machines, point-of-information terminals and other high-performance industrial and multimedia applications.

- 17" TFT LCD
- Intel Pentium III Processor up to 1.4 GHz
- 2x SDRAM slots for up to 512 MB RAM
- ATI M6-P AGP 4X graphics with 32 MB DDR
- Dual display, Portrait Mode/Screen Rotation
- Integrated 10/100 network and AC'97 audio
- PC Card slots
- Resistive touchscreen
- Modular dual-box design for mounting flexibility



show with optional NEMA 4X bezel

### Specifications

**Construction:**  
Steel frame construction w/EMC approved

**Processor:**  
Socket 370, supports Intel Pentium III up to 1.4 GHz

**Chipset:**  
Intel 815EP

**System Memory:**  
2x SDRAM DIMM Slots (up to 512 MB)

**Graphics:**  
ATI Mobility Radeon M6-P, AGP 4X, 32 MB DDR memory

**HDD:**  
1x 2.5" HDD bay  
1x Disk-on-Module header

**Network (LAN):**  
10/100 Base-T Fast Ethernet interface

**I/O ports:**  
4 DB-9 RS-232 serial ports (COM3 reserved for touchscreen)  
1 DB-25 parallel port  
4 USB ports  
1 RJ45 LAN port  
1 DB-15 VGA port  
2 PCMCIA (PC Card/Cardbus) Type II  
Mouse and keyboard ports, PS/2 type  
Mic-in, Line-in, Line-out, Game port, S-Video TV-Out

**Audio:**  
AC'97 Audio CODEC

**Bus Expansion:**  
Optional Expansion provide 2 PCI slots, CD/DVD bay, FDD bay

**Thermal Management:**  
1 system fan / 2 power supply fans / 1 CPU cooler

**Power Management:**  
APM/ACPI 1.2 Compliant

### Warranty

12-months, return to factory

### Power Supply

Output rating: 150 W  
Input: 100-240 Vac, 50-60 Hz, 4/2 A  
Output: +3.3V/10A, +5V/14A, +12V/4.5A  
+5Vsb/2A, -5V/0.3A, -12V/0.8A  
MTBF: 50,000 hours  
EMI/EMS: Meets FCC Class B, CE  
Safety: Meets UL, CSA

### Touchscreen

5-Wire Analog Resistive  
Resolution: Continuous  
Light transmission: 75%  
Interface: RS-232  
Power consumption: +5V @ 200 mA  
Durability: 30 million touches

### LCD Display Module

Display type: TFT Color LCD  
Size (Diagonal): 17 inches (381 mm)  
Max. Resolution: 1280 x 1024 (SXGA)  
Color depth: 6-bit, 262,144 colors  
Luminance, white: 250 cd/m<sup>2</sup>  
Viewing angle: L/R: 75° / 75°  
U/D: 55° / 60°  
Pixel Pitch (mm): 0.300 x 0.300  
Power Consumption: Total 9.1 Watt (typ.)  
Display Operating Mode: Transmissive Mode  
Surface Treatments: Hard Coat (3H), Anti-glare  
Operating Temperature: 0° ~ 50° C  
VR controls: Brightness  
LCD MTBF: 30,000 hrs.  
Backlight MTBF: 25,000 hrs.

### Environmental

Operating Temperature: 0° to 45°C, 10 to 90% RH  
Storage Temperature: -20° to 75°C, 10 to 95% RH  
EMI/EMS: Meets FCC Class B, CE  
Safety: Meets UL/CSA/CE

### Dimensions

Computer module:  
395 x 255 x 48 (mm), (15.55" x 10.04" x 1.89")  
LCD display module:  
425.45 x 318 x 44 (mm), (16.75" x 12.52" x 1.73")  
Expansion Module:  
395 x 201.6 x 30.5 (mm), (15.55" x 7.94" x 1.20")  
Net Weight:  
20 lbs. +/- 1 lbs. (Without HDD/Expansion Module)

### Options

Front bezel: NEMA 4 (black paint) or NEMA 4X (stainless-steel)  
Processor type/speed, and Memory size  
Hard drive and/or Flash drive (Disk-On-Module)  
Operating system (Microsoft Windows 2000 or XP Home/Pro)  
Extension cable kit for display/touchscreen, 1.5m (5 ft.)  
Expansion Module (2 PCI slots, CD/DVD bay, FDD bay)



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