

# Touch Panel PC



17" Aluminum Structure Main case  
Fanless Industrial Touch Panel PC

1920 x 1024 resolution Intel Atom Processor N2800, DDR3 RAM  
mSATA SSD/ 2.5" HDD 1x HDMI, 1xVGA, 4x USB2.0, 6x COMs  
(one COM Selectable change to RS485)  
2x GbE LAN Fanless design, OS support

**MODEL: MPC1700-AT**

## FEATURES:

- 17" (4:3) LED backlight Fanless industrial Panel PC
- Intel Atom D2550 dual core @1.86GHz CPU
- One 1066/800MHz DDR3 SO-DIMM slot, max. 4G
- 5-wire resistive type touch screen supported
- 1 \*SATA for 2.5"HDD, 1 \* mSATA for SSD
- 2COM(6 COM Option) + 6USB + 1\*VGA + 2\*Giga LAN
- WIFI 802.11b/g/n (option)
- 2 x PCI slot extension for short card ,1 x mPCIe space
- 2x Internal USB2.0 for Keypro
- OS support: Win7, Win XP(e), Win CE, Linux



## SPECIFICATIONS

|                           |                                 |   |   |
|---------------------------|---------------------------------|---|---|
| <b>LCD Specifications</b> | Size                            | 17" without PCI   | 17" with 2 PCI slot extension   |
|                           | Resolution                      | 1280 (W)x 1024(H)   |   |
|                           | Brightness (cd/m <sup>2</sup> ) | 350 cd/m <sup>2</sup>   |   |
|                           | Contrast Ratio                  | 1000:1  |   |
|                           | LCD color                       | 262K/16.2M  |   |
|                           | Pixel Pitch (mm)                | 0.264(H) x0.264(V)  |   |
|                           | Viewing Angle (H-V)             | 170°(H)/165°(V)   |   |
| <b>Touch</b>              | Backlight MTBF                  | 5000 hrs (LED backlight)  |   |
|                           | Touch Screen                    | 5-wire resistive type with USB Interface (PCAP Option)  |   |
| <b>System</b>             | Touch Controller                | EETI Touch kit  |   |
|                           | CPU                             | Intel® Atom™ D2550 dual core 1.86 GHz CPU   |   |
|                           | Chipset                         | Intel® NM10   |   |
|                           | RAM                             | Support one 1066/800 MHz 204-pin DDR3 SO-DIMM slot (max. 4GB)   |   |
|                           | Ethernet                        | 2*Realtek RTL8111E PCIe GbE controller supporting ASF 2.0   |   |
|                           | Audio Codec                     | Realtek ALC662 HD audio codec   |   |
|                           | Input/Output                    | 2 x RS-232 COM(6 COM Option)<br>Port (DB-9)<br>2 x GbE LAN (RJ-45)<br>6 x USB2.0<br>1 x Audio jack<br>1 x MIC jack<br>1 x VGA | 1 x Power On button<br>1 x DC input jack<br>1 x DC input bypass<br>2 x internal USB2.0 for Keypro |
| Expansion Interface       | No PCI Slot                     | 2 x PCI slot extension for PCI short card size, 1 x mPCIe   |   |
| <b>Connectivity</b>       | System Cooling                  | Fanless   |   |
|                           | Wireless                        | IEEE 802.11b/g/n(Optional)  |   |
| <b>Physical</b>           | Bluetooth                       | Optional  |   |
|                           | Case                            | Steel front frame and whole case  |   |
|                           | Mounting                        | Panel,Stand, and VESA 100mm x 100mm, 75mmx75mm  |   |
|                           | Color                           | Black   |   |
|                           | Dimensions (WxHxD)mm            | 399.4x335x87.8  | 399.4x335x128.8   |
| <b>Environment</b>        | Weight (N/G)                    | 5.8kg   | 6.3kg   |
|                           | Operating Temperature(C)        | -20°C ~ 40°C  |   |
|                           | Storage Temperature (C)         | -20°C ~ 60°C  |   |
| <b>Power</b>              | Humidity                        | 10% to 95% (non-condensing)   |   |
|                           | Power Supply                    | 36W power adapter Input: 90VAC~264VAC, 50/60 Hz, Output: 12VDC  |   |
|                           | Power Requirement               | 12VDC   |   |
| <b>Certification</b>      | Power Consumption               | 12V@2.5A(Intel® Atom™ D2550 CPU with 2GB DDR3 Momery)   |   |
|                           | IP Level                        | Front Panel IP 64   |   |
|                           | Safety & EMC                    | CE / FCC  |   |

# MECHANICAL DRAWINGS

