

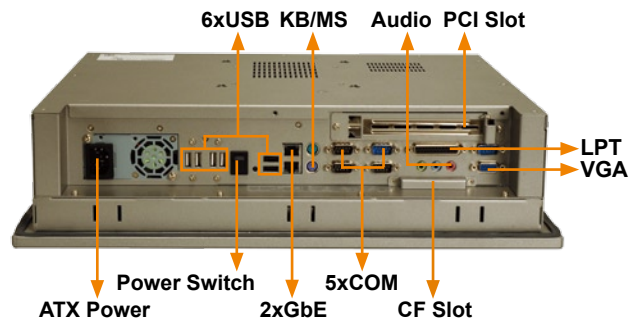
# PPC-5170GS *Pentium® 4 / Celeron® D Panel PC with 17" TFT LCD*



## Feature

- Most popular panel PC form factor
- High performance Intel® Pentium® 4 / Celeron® CPU support
- DDR memory DIMM support up to 2GB
- Serial ATA interface support
- Easy installing and mechanism design
- High brightness 17" industrial grade panel
- Aluminum die-casting front panel meet IP65 standard

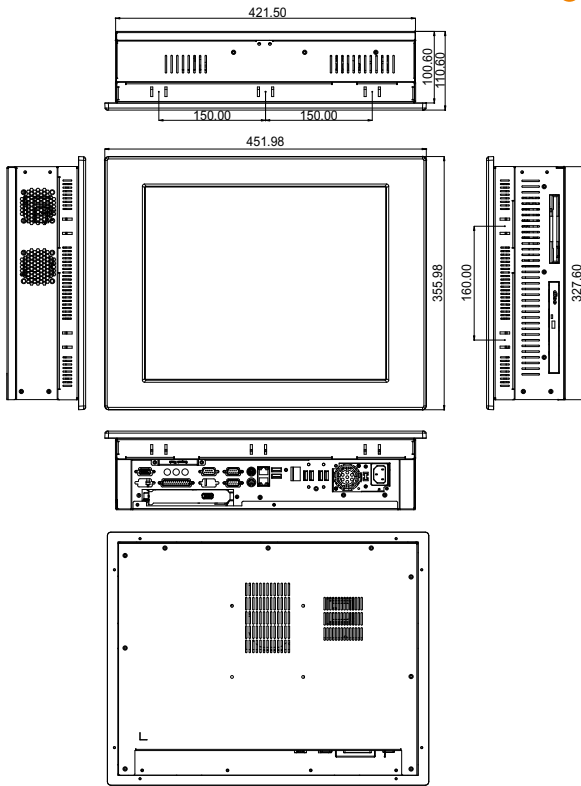
## Fully Integrated I/O



## Specification

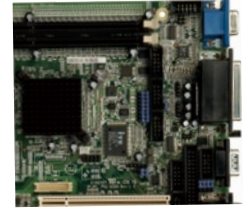
|                       |  |                               |  |
|-----------------------|--|-------------------------------|--|
| <b>CPU Board</b>      | POS-8520   | <b>Touch Screen</b>           | Optional 5-wire resistive type with RS-232 interface.  |
| <b>CPU</b>            | Socket-478 based Intel Pentium® 4 / Celeron® D up to FSB 533 MHz   | <b>LCD</b>                    | - Resolution :1280 x 1024 (SXGA)<br>- Brightness : 300 cd/m2<br>- Contrast Ratio : 500:1<br>- Viewing Angle (H-V):140/130<br>- Backlight MTBF : 50000hrs |
| <b>Chipset</b>        | Intel® 852GME + ICH5   | <b>Operating Temperature</b>  | 0 ~ 50°C.  |
| <b>Memory</b>         | 2 x DDR 266/333 DIMM socket up to 2GB  | <b>Storage Temperature</b>    | -20 ~ 60°C.  |
| <b>VGA</b>            | Intel® 852GME support dual display   | <b>Vibration</b>              | -5~17Hz 0.1" double amplitude displacement<br>-17~640 Hz 1.5G acceleration peak to peak  |
| <b>SSD</b>            | CF Type II   | <b>Shock</b>                  | 10G acceleration peak to peak. (11ms)  |
| <b>Drive Bay</b>      | -1 x 2.5" SATA/IDE HDD bay with Anti-shock or 2 x 2.5" SATA/IDE HDD bay without Anti-shock<br>-1 x Slim Type CD-ROM bay<br>-1x Slim Type FDD bay   | <b>Relative Humidity</b>      | 5 ~ 95% @ 60°C, non-condensing   |
| <b>Ethernet</b>       | 2 x Realtek RTL8110S Gigabit Ethernet controller   | <b>Net / Gross Weight</b>     | 8 / 12 Kg  |
| <b>Audio</b>          | AC '97 2.3 Realtek ALC 655   | <b>Dimensions</b>             | 452(W) x 356(H) x 110(D) mm.   |
| <b>I/O</b>            | - 1 x RS-232/422/485 port<br>- 4 x RS-232 ports<br>- 6 x USB 2.0 ports<br>- 2 x PS/2 ports (KB/MS)<br>- 1 x LPT<br>- 1 x VGA out<br>- 2 x LAN<br>- 3 x Audio (Lin-in, Line-out, MIC-in)<br>- 2 x IDE<br>- 2 x SATA | <b>Power Supply</b>           | ATX Power<br>- 180W, ACE-4518AP-RS<br>- Input: 90 ~ 240VAC @ 50/60Hz<br>- Output (max.): 3.3V@16.8A, 5V@12A, 12V@10A, -12V@0.8A                          |
|                       |  | <b>Front Panel Protection</b> | IP 65 Compliant  |
| <b>Expansion Slot</b> | - 1 x PCI slot   | <b>Certificate</b>            | Meets CB-60950-1 / FCC / CCC-GB4943  |

## Dimensions



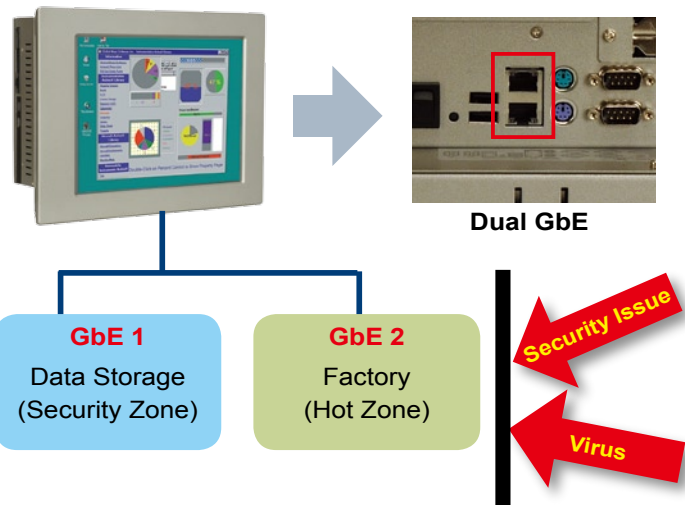
## POS-8520

1. Intel® Socket 478 Pentium® 4 CPU support up to FSB 533MHz
2. CRT/LCD VGA integrated in Intel® 852GME
3. DDR 266/333MHz DIMM socket support up to 2GB



## Dual 10/100/Gigabit Ethernet support

PPC-5170GS provides dual independent gigabit LAN ports. In HMI application environments, many system integrator prefer dual independent LAN to allocation factory zone and data storage zone to reduce the network collision and crash, or virus infection.



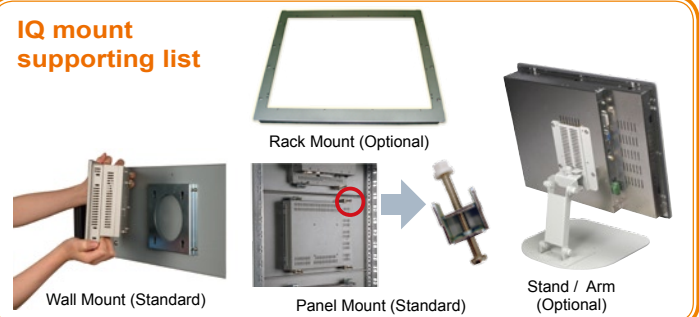
## Power Supply Options

| Type         | Model No.     | Watt | Remark   |
|--------------|---------------|------|----------|
| ATX AC-input | ACE-4518AP-RS | 180W | Standard |
| ATX DC-input | ACE-4520C-RS  | 200W |          |

## Packing List

| Part Number        | Description   | Amount |
|--------------------|---|--------|
| 32000-000002-RS    | Power Cord  | 1      |
| 19100-000037-RS    | CPU COOLER  | 1      |
| 19B00-000013-RS    | CD-ROM Installation Kit                                 | 1      |
| WK-170MS-R10       | Wall Mounting Kits                                      | 1      |
| PK-170M            | Panel Mounting Kits                                     | 1      |
| 32200-014506-RS    | HDD IDE Cable(44 PIN + 2 x 40PIN)                       | 1      |
| 32200-019201-RS    | HDD IDE Cable(44 PIN + 40PIN)                           | 1      |
| 32000-077000-RS    | HDD SATA Cable  | 1      |
| 19B00-000013-RS    | FDD Installation Kit                                    | 1      |
| 41011-0397C0-00-RS | HDD Bracket   | 1      |
| 33100-000079-RS    | Jumper Pack   | 1      |
| 19600-000078-RS    | Screw Kit   | 1      |
|                    | User Manual & Driver CD                                 | 1      |
|                    | Touch Screen Driver CD / Touch Pen (For T-R model only) | 1      |

## IQ mount supporting list



## Ordering Information

|                     |   |
|---------------------|---|
| PPC-5170GS/8520     | 17" Pentium 4 TFT LCD panel PC with POS-8520, RoHS                  |
| PPC-5170GS/8520/T-R | 17" Pentium 4 TFT LCD panel PC with POS-8520 and Touch screen, RoHS |

## Options

|              |                   |
|--------------|-------------------|
| RK-170MS-R10 | Rack mount kits   |
| ARM-31-RS    | LCD Monitor Arm   |
| STAND-100-RS | LCD Monitor Stand |