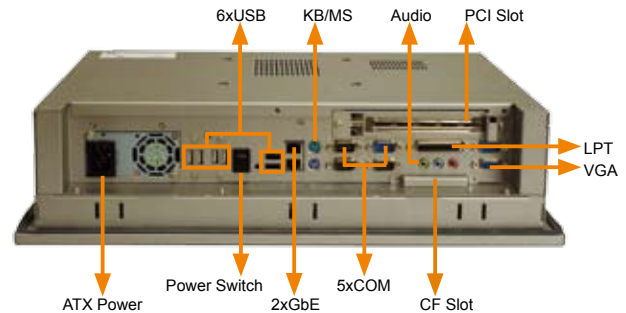


PPC-5190GS



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Single Board Computer

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VIDEO CARD

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Features

1. 19" TFT LCD
2. Intel Pentium 4 / Celeron D CPU support FSB 533MHz up to 2.8GHz
3. DDR 266/333MHz DIMM memory up to 2GB
4. Dual Gigabit Ethernet support
5. One Compact Flash® Type II socket
6. IP 65 compliant aluminum front panel



POS-8520

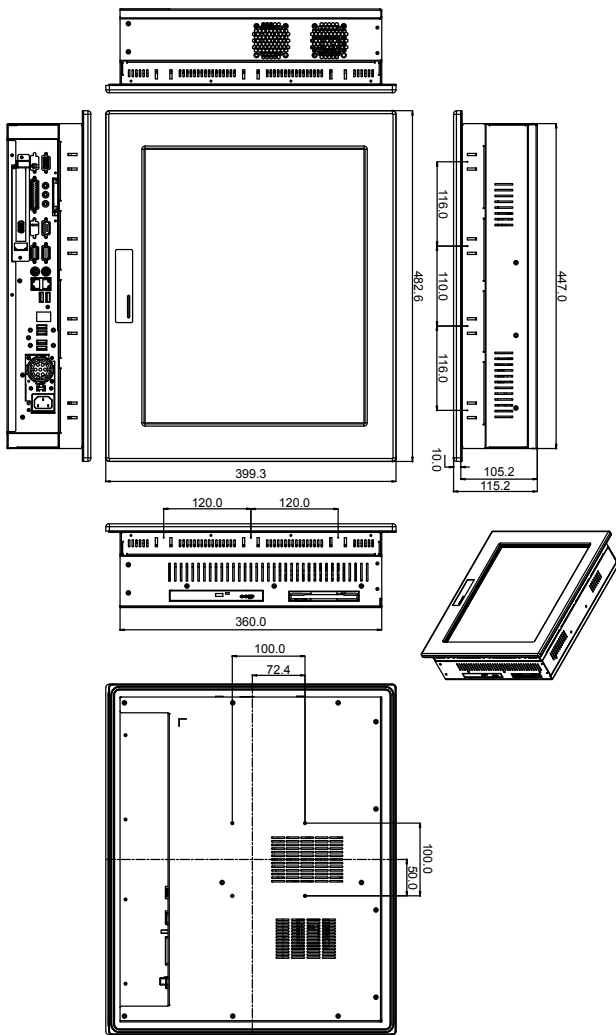
1. Intel® Socket 478 Pentium® 4 CPU support up to FSB 533MHz
2. CRT/LCD VGA integrated in Intel® 852GME
3. DDR 266/333MHz DIMM socket support up to 2GB



Specification

| | | | |
|-----------------------|---|-------------------------------|--|
| CPU Board | POS-8520 | Touch Screen | Optional 5-wire resistive type with RS-232 interface |
| CPU | <ul style="list-style-type: none"> Socket-478 based Intel® Pentium® 4/Celeron® D support FSB 400MHz up to 2.8GHz | Power Supply | ATX Power: 180W, ACE-4518AP-RS Input : 90 ~ 240VAC @ 50/60Hz, Output (max) : 3.3V@16.8A, 5V@12A, 12V@10A, -12V@ 0.8A ATX Power : 200W, ACE-4520C-RS Input : 24VDC @ 50/60Hz, Output (max) : 3.3V@12A, 5V@12A, 12V@15.4A, -12V@ 0.8A |
| Chipset | Intel® 852GME + ICH5 | Operating Temp. | 0 ~ 50°C |
| Memory | 2 x DDR 266/333MHz DIMM socket up to 2GB | Storage Temp. | -20 ~ 60°C. |
| VGA | Intel 852GME support dual display | Vibration | <ul style="list-style-type: none"> 5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak |
| SSD | CF Type II | Shock | 10G acceleration peak to peak. (11ms) |
| Drive Bay | <ul style="list-style-type: none"> 1 x 2.5" SATA/IDE HDD bay with anti-shock or 2 x 2.5" SATA/ IDE HDD bay 1 x Slim Type CD-ROM bay 1 x Slim Type FDD bay | Relative Humidity | 5 ~ 95% @ 60° C, non-condensing |
| Ethernet | 2 x Realtek RTL8110S Gigabit Ethernet controller | Net /Gross Weight | 12.6/ 18.2 Kg |
| Audio | AC'97 2.3 Realtek ALC 655 | Dimension | 483(w) x399 (H) x116(D)mm |
| I/O | <ul style="list-style-type: none"> 1 x RS-232/422/485 ports 5 x RS-232 ports 6 x USB 2.0 ports 2 x PS/2 ports (KB/MS) 1 x VGA out 1 x LPT 2 x LAN 3 x Audio (Lin-in, Line-out, MIC-in) 2 x IDE 2 x SATA | LCD | <ul style="list-style-type: none"> Resolution: 1280 x1024 XGA Brightness : 300cd/m2 Contrast Ratio : 700:1 Viewing Angle (H-V):140/130 Backlight MTBF : 50000hrs |
| Expansion Slot | 1 x PCI slot | Front Panel Protection | IP 65 Compliant |

Dimensions

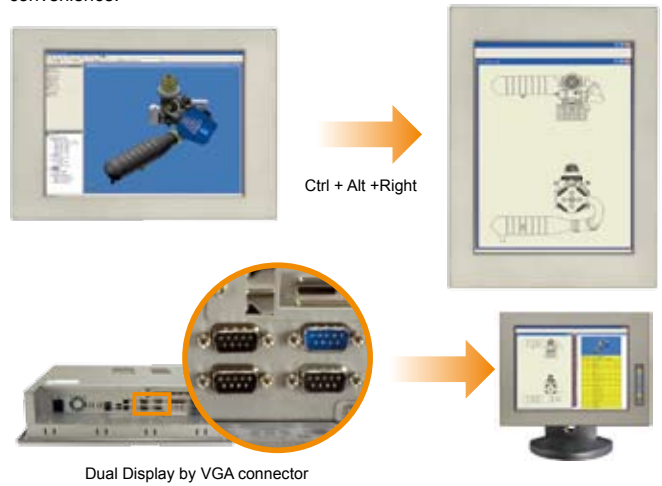


Packing List

| 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-190MS-R10 | Wall Mounting Kits | 1 |
| PK-190MS-R10 | 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 |

Screen rotation for more flexibility usage

POS-8520 supports screen rotation function. It's integrated in the Intel windows drivers and could be easily adjusted by GUI or hot keys. Collocating with rotational VESA mount arms, user can switch the screen status to feet needed anytime, or even more, combine dual independent display function to get more convenience.

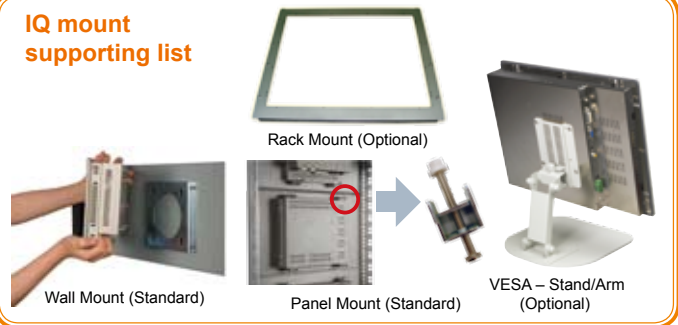


Big screen allows multi-display



PPC-5190GS equips with 19" TFT LCD which is a ideal design for the multi-display requirement such as digital surveillance or multi-operating-system. With multi-display configuration, users can handle more tasks at the same time as well as saving the resource and space.

IQ mount supporting list



Options

| | |
|--------------|-------------------|
| WK-190MS-R10 | Rack mount kits |
| ARM-31-RS | LCD Monitor Arm |
| STAND-100-RS | LCD Monitor Stand |

Ordering Information

| | |
|--------------------------------|--|
| PPC-5190GS/8520/ACE-4518AP | 19" TFT Panel PC with POS-8522 and ACE-4518AP, Silver color, RoHS |
| PPC-5190GS/8520/ACE-4518AP/T-R | 19" TFT Panel PC with POS-8522, ACE-4518AP and touch screen Silver color, RoHS |
| PPC-5190GS/8520/ACE-4520C | 19" TFT Panel PC with POS-8522 and ACE-4520C, Silver color, RoHS |
| PPC-5190GS/8520/ACE-4520C/T-R | 19" TFT Panel PC with POS-8522, ACE-4520C and touch screen Silver color, RoHS |

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