

Model: PPC-6190T
19" Fanless Intel Core i3/5/7 Touch Panel PC - 6 x COM; IP65 front protection; 2 x PCI or PCI-E X4



Front USB
PWR On/Off



2 x PCI or PCI-E X4
Expansion Slots



8KV ESD, TVS 600W Surge
Protection for COM port



Direct HDD connection
No internal cabling

Application:

Factory Automation; Processor Automation; Power Generation; Marine / Offshore Industrial; Kiosk ...

Main Feature

- LED Panel - Higher Brightness; Longer Life Span; Better Viewing Angle; Less Power Consumption ...
- 19" SXGA LED Panel support 1280x1024 pixels
- Support Intel®LGA1155 Socket Core Celeron / i3/i5/i7 Processor
- 6mm Aluminum Magnesium Alloy front bezel (with PET protection film) - light weight design
- NEMA4 / IP 65 compliant front panel, with Rugged construction design
- Aesthetic ultra-thin front bezel for minimize stain water & dust

- 6 x COM (COM3 &4 could set to RS232/485)
- 2 x PCI or PCI + PCI-E X4 Expansion slots
- Panel (Flush) mounting with clip
- (Optional - WIFI) MINI PCI-E WIFI Module with Antenna

| Specification | |
|----------------------------|---|
| Product Model | PPC-6190T |
| CPU | Support Intel®LGA1150 Socket Core Celeron/i3/i5/i7 Processor |
| Chipset | Intel H81 |
| Memory | 2 x DDRIII SO-DIMM Socket up to 16GB |
| Storage | Space for 1 x 2.5" HDD/SSD |
| Display | Display Type : 19" SXGA LED Panel LCD Resolution : 1280 x 1024 Luminance : 300 cd/m2 View Angel : 160° (H), 160° (V) |
| Audio | Realtek ® ALC662, 5.1 channel surround audio |
| LAN | 2 x Intel® i210 (or Realtek RTL8111E), Gigabit LAN Controller |
| USB port | 1 x USB 2.0 (front) & 4 x USB 3.0 (Rear), with 8KV ESD protection |
| COM port | 4 x RS232 & 2 x RS232/485 (Selectable), with 8KV ESD & TVS 600W Surge protection |
| Graphic | Intel HD Graphic Accelerator, with VGA/DVI output |
| Expansive interface | 2 x PCI or PCI + PCI-E X4; 1 x Mini PCI-E |
| Back panel I/O port | 2 x RJ45; 4 x USB 2.0/3.0; 1 x VGA; 1 x DVI; 1 x Lin-in / Lin-out; 4 x RS232; 2 x RS232/485; 1 x Power Switch; 1 x DC input terminal |
| Supporting OS | Windows 7 & 10; Linux |
| Touch Screen | Internal USB or RS-232 <u>industrial grade 5 wire Resistive Touch controller</u> Resolution: 4096 x 4096 Light transmission: 80% or more Surface hardness : 3H Operating force : ≤100g Life expectancy : 35 Million Operation system : Window 2000 / XP / Vista / 7 / CE, DOS , Linux |
| Wireless LAN (optional) | MINI PCI-E WIFI Module with Antenna |
| Power Supply | 12VDC input with termination block |
| Construction | Heavy duty steel and aluminum front panel |
| Environment | Operating temperature: -15°C to 60°C Relative humidity: 10% to 90%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec) |
| Compliance | CE; FCC; ROHS |
| Dimension W x H x D (mm) | 467 x 371 x 110 |

Ordering Information

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|----------------------|---|
| PPC-6190T | 19" Industrial Fanless Touch Panel PC , with Intel® Pentium ® Processor G3220 (3.0 GHz, 3M Cache, Dual Core) , with 2 x PCI Expansion slots |
| Optional - PCI-E | Upgrade to 1 x PCI & 1 x PCI-E X4 (Expansion Slots) |
| Optional - i3 | Upgrade to Intel Core i3 Processor 4130 (3.4 GHz, 3M Cache, Dual Core) |
| Optional - i5 | Upgrade to Intel Core i5 Processor 4570T (2.9 - 3.6 GHz, 4M Cache, Dual Core) |
| Optional - i5 | Upgrade to Intel Core i5 Processor 4460S (2.9 - 3.4 GHz, 6M Cache, Quad Core) |
| Optional - i5 | Upgrade to Intel Core i5 Processor 4590T (2.0 - 3.0GHz, 6M Cache, Quad Core) |
| Optional - i7 | Upgrade to Intel Core i7 Processor 4470S (3.1 - 3.7GHz, 8M Cache, Quad Core) |
| Optional - DC | Support DC input (7-30VDC) |
| Optional - RAM | 4 to 16GB DDRIII SO-DIMM RAM |
| Optional - SSD / HDD | 128 GB to 1TB SSD / 500GB to 1TB 2.5" SATA HDD |
| Optional - WIFI | MINI PCI-E WIFI Module with Antenna |
| Optional - OS | Windows 7 or 10 Professional, Linux |

Structure Diagram (Mounting Hole / Cut-Off Size: 444 x 353 mm) Unit: mm

