

Model: APC-i5-PoE-7

Fanless Automation PC with Intel® Core™ i5 processor, 5 x GLAN (4 x PoE), 2 x COM, supporting Real-time OS ...



Application:

Factory Automation; Processor Automation; Intelligent Traffic Control; Vision Inspection ...

Specification

| Item | Description | | |
|---------------------|--|--|---|
| Product Model | APC-i5-PoE-7 | APC-i5-PoE-8 | APC-i5-PoE-11 |
| Processor | Intel® Core™ i5 7200U Processor (Dual Core, 2.5 to 3.1GHz, 3M Cache) | Intel® Core™ i5 8260U Processor (Quad Core, 1.6 to 3.9GHz, 6M Cache) | Intel® Core™ i5 1135G7 Processor (Quad Core, 2.4 to 4.2GHz, 8M Cache) |
| Memory | 2 x DDR4 SO-DIMM Socket up to 64GB | | |
| Storage | 1 x 2.5" HDD/SSD, 1 x mSATA and 1 x M.2 2280 SSD (NVME, MINI PCI-E x4) | | |
| LAN | 5 x Intel® i210AT, Gigabit LAN Controller | | |
| PoE | 4 x Intel® i210AT, Gigabit LAN Controller, Maximum @ 15 watt per channel | | |
| USB port | 2 x USB 2.0/3.0 and 2 x USB 2.0 | | |
| COM Port | 2 x RS232/485, COM2 support RS422, COM1/2 supports CAN | | |
| Graphic | VGA & HDMI 1.4, Maximum Resolution 4096x2304@60Hz | | |
| Expansive interface | 1 x full size Mini PCI-E slot with SIM holder for WIFI, 3/4G, CAN module | | |
| I/O port | 5 x RJ45; 4 x USB 2.0/3.0; 1 x VGA+HDMI; 2 x COM; 1 x Power Switch; 1 x DC input; 1 x Terminal Block (4 x isolated DI & 4 x isolated DO, VCC, PWRLED...) | | |
| Power Input | 12 - 24VDC | | |
| Construction | Heavy duty steel and aluminum | | |
| Watchdog Timer | 1 - 255 second programmable | | |
| Supporting OS | Windows 10/11 ; Linux (Ubuntu); Real-time operating system (RTOS) such as VxWorks, INtime... | | |
| Environment | Operating temperature: -20 °C to 60 °C Storage temperature: -40 °C to 80 °C Storage humidity: 10% to 90% non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak (11m sec) | | |

| | |
|-----------------------------|---|
| Safety | CE/FCC/ROHS |
| Dimension W x H x D (mm) | 185 x 164 x 66 |
| Ordering Information | |
| APC-i5-PoE-7 | Fanless Automation PC with Intel® ® Core™ i5 7200U Processor |
| APC-i5-PoE-8 | Fanless Automation PC with Intel® ® Core™ i5 8260U Processor |
| APC-i5-PoE-11 | Fanless Automation PC with Intel® ® Core™ i5 1135G7 Processor |
| Optional - Adapter | 110-240VAC to 12V/5ADC 60 watt Power adapter |
| Optional - RAM | 8 to 64GB DDR4 SO-DIMM RAM |
| Optional - SSD / HDD | 128GB to 2 TB SSD |
| Optional - OS | Windows 10 / 11 Professional <u>or</u> IoT Enterprise |

Structure Diagram

