

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, PWRLD...)		
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

