

Model: APC-9100
Automation PC with Intel® Core™ i3/5/7 processor, 4 x GLAN, 1 x RS232/485, supporting Real-time OS ...



Application:

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

Specification	
Product Model	APC-9100
Processor	6 to 14th Gen. Intel® Core™ i3/5/7 (LGA 1151, 1200 & 1700)
Memory	2 x DDR4 SO-DIMM Socket with 8 GB RAM (Optional upgrade up to 64GB)
Storage	1 x full size mSATA slot with 128GB SSD (Optional upgrade up to 2TB)
LAN	4 x Intel® Gigabit LAN Controller
USB port	4 x USB 2.0/3.0 and 1 x USB 2.0 (internally)
COM port	1 x optical isolated RS232/485 (with 8KV ESD and 600W Surge protection), RS-485 supporting auto flow control
Graphic	<ul style="list-style-type: none"> • 1 x VGA Port Supports the highest resolution 1920X1200 @60Hz • 1 x HDMI port Supports the highest resolution 3840x2160 @60Hz
Expansive interface	1 x full size Mini PCI-E slot with SIM holder for WIFI, 3/4G
Expansion Model (Optional)	2 x Intel® i210 GLAN <u>OR</u> 4 x Intel® i210 GLAN
I/O port	4 x RJ45; 4 x USB 2.0/3.0; 1 x VGA; 1 x HDMI; 1 x RS232/RS485; 1 x Power Switch; 2 x DC input
Power Supply	12 - 24VDC (Redundant input)
Construction	Heavy duty steel and aluminum
Watchdog Timer	1 - 255 second programmable
Supporting OS	Windows 10 / 11 ; Linux; Real-time operating system, 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)	200 x 154 x 58 (or 75 – with expansion module)

Ordering Information

APC-9100	Automation PC with Intel® Core™ i3 6100T Processor, 8GB RAM & 128GB SSD
Optional - Processor	6 to 14th Gen. Intel® Core™ i3/5/7
Optional - APC-2GL / APC-4GL	2 x Intel® i210 GLAN 4 x Intel® i210 GLAN,
Optional - Adapter	110-240VAC to 12 VDC 120 watt Power adapter
Optional - RAM	Upgrade to 16 / 32 / 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	Upgrade to 256 / 512GB or 1 / 2 TB SSD
Optional - OS	Windows 10 / 11 Professional or IoT Enterprise

Structure Diagram

