

Model: APC-H770-6COM

Industrial Automation Computer supports 12 to 14th Gen. Intel® Core™ i3/5/7



Main Feature

- Fanless Design with oxidized Aluminium Casing (with external top cooling fan)
- Supports 12 to 14th Gen. Intel® Core™ i3/5/7 processor (LGA 1700)
- VGA + HDMI, 2 x Intel GLAN, 6 x COM ports, 8 x USB 2.0/3.0; 7 x DIO
- 9 - 36VDC wide range power input
- BIOS Set-up "Auto Power-On", and "Wake on LAN"
- Optional: 5 x LAN & 4 x COM (Model: APC-H770-5L)

Application:

Digital Signage, Factory Automation; Processor Automation; Intelligent Traffic Control;
Medical Equipment; Marine / Offshore Industrial ...

Specification

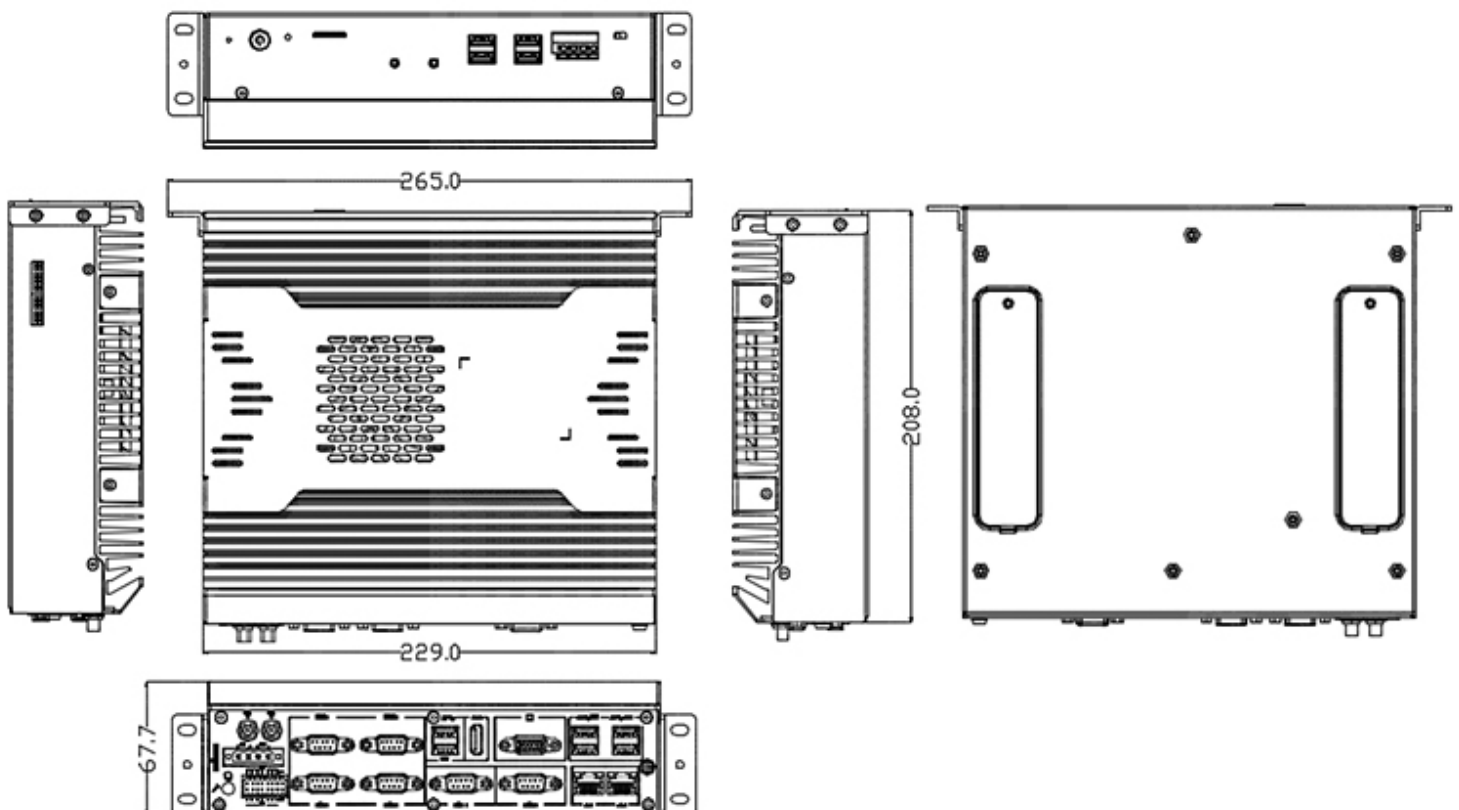
Item	Description
Product Model	APC-H770-6COM
Processor	Supports 12-14th Gen. Intel® Core™ / Pentium® / Celeron® processors with LGA 1700 socket
Chipset	Intel® H770
Memory	2 x DDR4 SO-DIMM Socket up to 128GB
BIOS	AMI 64MB Flash ROM
Graphic	1 x VGA port Supports the highest resolution 1920x1200 @60Hz 1 x HDMI ports Support the highest resolution 4096x2160 @60Hz
Storage	Space for 1 x 2.5" bay for SSD/HDD, 1 x mSATA for SSD, 1 x M.2 2280
Audio	Line-Out & Mic.-In
LAN	2 x Intel® i210 Gigabit LAN Controller
USB port	6 x USB 3.0 and 2 x USB 2.0
COM Port	6 x COM, COM3 supports RS232485, COM4 to 6 supports RS232/422/485
GPIO	7 x Digital Input and 7 x Digital Output

Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x full size Mini PCI-E slot with SIM holder for WIFI, 3/4G, CAN module
I/O port	VGA + HDMI, 2 x RJ45, 6 x USB 3.0, 2 x USB 2.0, 6 x COM, 2 x Lin-out / Mic.-In, 1 x Power Switch, 1 x DC input, 1 x DIO Block
Power Input	12 - 24 VDC wide range
Construction	Oxidized Aluminium Case (MINI Cooling FAN)
OS supporting	Windows 10/11, Linux
Environment	Operating temperature: -10 °C to 60 °C Storage temperature: -20 °C to 80 °C Storage humidity: 5% to 95%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec)
Safety	CE; FCC; ROHS
Dimension W x H x D	265 x 208 x 68mm

Ordering Information

APC-H770-6COM	Industrial Automation Computer Intel® H770 Chipset Based
Optional (Intel Processor)	Refer to "Processor List"
Optional (5 x GLAN)	Upgrade to 5 x Intel® i210 Gigabit LAN, 4 x COM
Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	128 GB to 2TB SSD
Optional - Wifi	WIFI + Bluetooth with Antenna
Optional - OS	Windows 10/11 Professional , or Win 10/11 IoT Enterprise 64 bit

Structure Diagram





Model: APC-H770-5L
(Upgrade to 5 x Intel® i210
Gigabit LAN, 4 x COM)