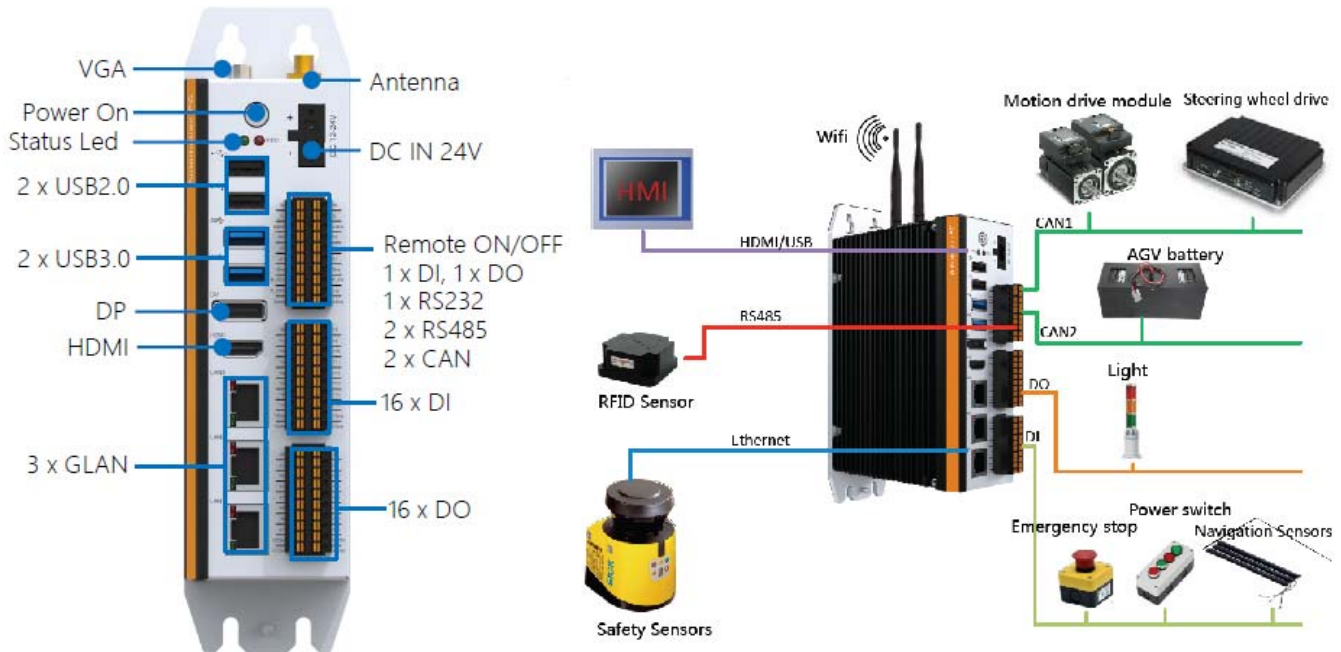


**Model:** APC-J6412-GIO  
**Fanless Automation PC with Intel® Celeron® J6412 processor, 3 x GLAN, 3 x RS232/485, 2 x CAN, 32 x DIO, supporting Real-time OS ...**



## Application:

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

Specification	
Product Model	APC-J6412-GIO
Processor	Intel® Celeron® J6412 Processor (2.0GHz, Quad Core, up to 2.6 GHz w/ burst frequency enabled , Eikhart Lake Architecture)
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
Storage	1 x full size mSATA slot up to 2TB
LAN	2 x Intel® i210, 1 x Intel® i225-V, Gigabit LAN Controller
USB port	4 x USB 2.0/3.0 and 1 x USB 2.0 (internally)
COM port	1 x RS232, 2 x RS-485
Graphic	<ul style="list-style-type: none"> <li>1 x HDMI Port Supports the highest resolution 3840x2160 @ 60Hz</li> <li>1 x DP Port Supports the highest resolution 3840x2160 @ 60Hz (Optional for VGA)</li> </ul>
Expansive interface	1 x M2. Key A and 1 x full size Mini PCI-E slot with SIM holder for WIFI, 3/4G
I/O port	3 x RJ45; 4 x USB 2.0/3.0; 1 x HDMI + DP; 3 x Terminal Block ( 1 x RS 232, 2 X RS 485, 16 x isolated DI & 16 x isolated DO); 1 x Power Switch; 1 x DC input
Power Supply	24VDC Input
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 )	165 x 125 x 53

### Ordering Information

APC-J6412-GIO	Fanless Automation PC with Intel® Celeron® J6412 Processor
Optional - Adapter	110-240VAC to 24VDC watt Power adapter
Optional - RAM	8 to 32GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	128 GB to 2 TB SSD
Optional - OS	Windows 10 / 11 Professional <u>or</u> IoT Enterprise

### Structure Diagram

