

PPC Series

Robust Product Design

IP Protection Improvement

The PPC series is equipped with robust front panel for water protection and tightly front assembly against the intrusion from any direction.

IP Code Table

The IP Code (International Protection Rating) consists of the letters IP followed by two digits.

Solids		Liquids	
First Numeral		Second Numeral	
No Protection	0	0	No Protection
Objects Greater than 50mm	1	1	Vertically Dripping Water
Objects Greater than 12mm	2	2	75°-90° Sprayed Water
Objects Greater than 2.5mm	3	3	30°-90° Sprayed Water
Objects Greater than 1.0mm	4	4	Water sprayed-low Pressure
Dust-Protected	5	5	Water jets-low Pressure
Dust-Tight	6	6	Water Jets-high Pressure
IP 66 Compliant!		7	Temporary Immersion
		8	Indefinite Immersion



Wide Temperature Range (-20°C~60°C)

The PPC-5150A-H61/ PPC-5170A-H61 and UPC-V315 supports wide operating temperature, surviving from any kinds of harsh environment.



High Efficiency Transmission

SFP Fiber LAN

The small form-factor pluggable transceiver (SFP) is a compact, hot-pluggable transceiver used for both telecommunication and data communication applications.

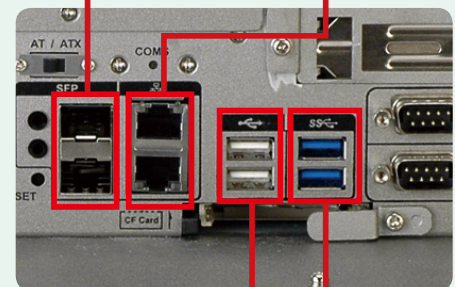
- Immunity to electromagnetic interference
- High electrical resistance
- No sparks
- Long transmission distance – up to 2 km (multi-mode)/120 km (single-mode)

Transmission Distance

Type	Core Diameter	Wavelength (nm)	Cost	Max. Distance (km)
Single-Mode	8 to 10	1310 or 1550	More expensive	120 ★
Multi-Mode	50 or 62.5	850 or 1300	Medium	2
RJ-45	N/A	N/A	Cheaper	0.1

Multiple choices

We provide two transmission LAN types for choice, either 2 × Fiber LAN or 2 × RJ-45.



Transmission distance up to 120 km

USB 2.0 USB 3.1 Gen 1

USB 3.1 Gen 1 – Faster Data Transmission

USB 3.1 Gen 1 has higher transmission speed and wider data bandwidth, supporting faster transferring for the user.

USB Version	USB 1.0	USB 2.0	USB 3.1 Gen 1
Data Transfer Rate)	12Mbps	480Mbps	5Gbps ★
Media (Data Size)	Transfer Time		
Song / Pic (4 MB)	5.3 sec	0.1 sec	0.01 sec
HD-Movie (25GB)	9.3 hr	13.9 min	70 sec