

---

---

## Specification

Channel	2*CAN FD
PC End	Standard PCIe interface
Driver	Driverless design for Windows and Linux systems, ensuring system compatibility
Buffer	Each channel supports a transmit buffer of up to 1000 CAN frames
CAN	Supports CAN2.0A/B protocol, compliant with ISO11898-1 standard, baud rate 5Kbps–1Mbps
CAN FD	Supports ISO and non-ISO standards for CAN FD, baud rate 100Kbps–8Mbps
Timestamp Accuracy	1us hardware message timestamp
Terminal Resistor	Built-in 120-ohm terminal resistor configurable via software
Messages Sent per Second	Maximum of 17000 mps
Messages Received per Second	Maximum of 17000 mps
Isolation	CAN channels isolated at DC2500V, electrostatic discharge level ±8KV
Power supply	Via PCIe interface
Size	100.5mm*121mm*21.59mm
Operating Temperature	-40°C to 85°C

## Ordering Information

Product Name	Model Number	Function Description
Network Device	TP1013	2 channel CAN FD to PCIe Interface

## Shipping list

- TP1013 board

## Pin Definitions

