



BPC-51242

PCIe v2.0 Quad copper Gigabit Ethernet Adapter with Bypass function , SR-iOV



FEATURE

- Intel® 82580EB PCI-Express2.0 MAC+PHY controller
- Intel® I350-AM4® MAC+PHY controller
- SR-iOV function
- Built-in Watchdog Timer(WDT)
- Easy configuration of Normal/Bypass mode and WDT timer
- Ready for PCI-E v2.0 5GT/s solution.



SPECIFICATION

Model	BPC-51242
LAN controller	Intel® I350-AM4, support SR-iOV function
Bus Type	PCI-Express x4
Bypass	2 Segment, Driver only support Linux
Compliance	- IEEE 802.3 auto-negotiation for 1000BASE-T, 100BASE-T and 10BASE-T applications. - IEEE 802.3x and 802.3z flow control supported
Watchdog Timer	- Built-in watchdog timer bypass Ethernet ports when host system hang or power failure.
Software programmable	WDT time-out setting
LED	- Two LED indicators adjacent to each RJ45 port, indicate Active/Link & 10/100/1000Mbps - On board LED indicator to show bypass status. - LED pin-out for LAN status and bypass, providing more variable LED location for system integration
Dimension	- 110(W) x 88(L) mm - 4.33"(W) x 3.46"(L)

* PCI-E x8 interface occurs two PCI-E x4 bandwidth

ORDERING GUIDE

Part No.	Description
BPC-51242	Quad-port server adapter, PCI-Express v2.0 x RJ45, 10/100/1000 BASE-T