

Comparison chart for RAYON P1688U card and MOXA C218turbo/PCI card

RAYON P1688U card	MOXA C218turbo/PCI card
built-in local processor	
a) 133MHz MIPS processor. one instruction per cycle	a) 57MHZ TMS320BC203 DSP one instruction per two cycle
built-in local buffer	
a) 16Mbyte SDRAM b) 1Mbyte transmit buffer per port c) 512kbyte receive buffer per port	a) 512Kbyte DRAM
PCI bus compatibility	
a) 5V or 3.3V universal PCI bus slot. No problem in new 64bit PCI bus	a) 5V PCI bus only. may have problem in new 64bit PCI bus slot.
card size	
a) 109(height)*159(length)mm	a) 105(height)*180(length)mm
interface capability	
a) standard RS232 with octopus cable. b) Ground isolated RS422/485 interface to work with RS4232-8 box.	a) standard RS232 with octopus cable. b) Opt8J box just support NO ground isolated RS422/485. c) Opt8F box support ground isolated RS422 only. NO RS485

※ **P1688U Card offer “MORE processor power”**
“MORE local buffer”
“MORE flexible”