CompactPCI / PlusIO / Serial Feature Matrix

		CompactPCI 2.0		CompactPCI 2.16		CompactPCI PlusIO 2.30		CompactPCI Serial CPCI-S.0	
		3U	6U	3U	6U	3U	6U	3U	6U
PCI (parallel)	Data bus width	32/64 bits	32/64 bits	n/d	32/64 bits	32 bits	32 bits	-	-
	Frequency	33/66 MHz	33/66 MHz	n/d	33/66 MHz	33/66 MHz	33/66 MHz	-	-
	Overall max. data rate	0.533 GB/s	0.533 GB/s	n/d	0.533 GB/s	0.266 GB/s	0.266 GB/s	-	-
PCI Express	Links	-	-	n/d	-	4	4	8	8
	Lanes per link	-	-	n/d	-	1	1	4 / 8	4 / 8
	Generation	-	-	n/d	-	1 / 2	1 / 2	1 / 2 / 3	1 / 2 / 3
	Overall max. data rate	-	-	n/d	-	2 GB/s	2 GB/s	39.4 GB/s	39.4 GB/s
Ethernet	Interfaces	-	-	n/d	2	2	2	8	10
	Speed	-	-	n/d	100 Mbit/s	100 / 1000 / 10000 Mbit/s	100 / 1000 / 10000 Mbit/s	100 / 1000 / 10000 Mbit/s	100 / 1000 / 10000 Mbit/s
	Overall max. data rate	-	-	n/d	0.025 GB/s	2.5 GB/s	2.5 GB/s	10 GB/s	12.5 GB/s
SATA	Interfaces	-	-	n/d	-	4	4	8	8
	Generation	-	-	n/d	-	1 / 2	1 / 2	1 / 2 / 3	1 / 2 / 3
	Speed	-	-	n/d	-	1.5 / 3 Gbit/s	1.5 / 3 Gbit/s	1.5 / 3 / 6 Gbit/s	1.5 / 3 / 6 Gbit/s
	Overall max. data rate	-	-	n/d	-	1.5 GB/s	1.5 GB/s	6 GB/s	6 GB/s
USB	Interfaces	-	-	n/d	-	4	4	8	8
	Generation	-	-	n/d	-	2.0	2.0	2.0 / 3.0	2.0 / 3.0
	Speed	-	-	n/d	-	480 Mbit/s	480 Mbit/s	5 Gbit/s	5 Gbit/s
	Overall max. data rate	-	-	n/d	-	0.24 GB/s	0.24 GB/s	5 GB/s	5 GB/s
Rear I/O free pins	System slot	None with PCI64 75 with PCI32	95 + 220	n/d	65 + 220	None	95 + 220	11	528 (with AirMax)
	Peripheral slots	None with PCI64 75 with PCI32	95 + 220	n/d	65 + 220	n/d	n/d	192 with PCIe x4 240 with PCIe x1	768 (with AirMax)
PICMG 2.0 peripheral slots		4 with 66 MHz 7 with 33 MHz	4 with 66 MHz 7 with 33 MHz	n/d	4 with 66 MHz 7 with 33 MHz	4 with 66 MHz 7 with 33 MHz	4 with 66 MHz 7 with 33 MHz	-	-
PICMG CPCI-S.0 peripheral slots		-	-	-	-	4 / (2 Ethernet)	4 / (2 Ethernet)	8	8

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