

3U CompactPCI/PlusIO Peripheral Cards



	Type	CPU	CompactPCI/PlusIO	Memory max.	Interfaces	Software
F100	CompactPCI to CompactPCI Serial Interface (with G100)		32-bit/66-MHz CompactPCI system slot, 1 CompactPCI slot		Front I/O: 1 PCI Express x1	Driver software not necessary
F203	PC-MIP Carrier		1 CompactPCI slot		Onboard: 3 PC-MIP slots	PC-MIP driver software
F204	M-Module Carrier		1 CompactPCI slot		Onboard: 1 M-Module slot	M-Module driver software
F205	M-Module Carrier		1 CompactPCI slot		Onboard: 2 M-Module slots	M-Module driver software
F206	Octal UART (16450)	Nios Soft Core optional	32-bit/33..66-MHz 1 CompactPCI slot, 3.3V VIO	2 MB Flash, 16 MB DRAM	Standard configuration: 8x UARTs for use with SA-Adapters (RS232/422/485, isolated or not) Other I/O: FPGA (Altera Arria or Altera Cyclone) for user-defined I/O functions	Linux, VxWorks, Windows, QNX
F206N	Slave SBC	Nios Soft Core	32-bit/33..66-MHz 1 CompactPCI slot	32 MB SDRAM, 2 MB Flash	Front I/O: 1 debug interface Other I/O: FPGA (Altera Arria or Altera Cyclone) for user-defined I/O functions	Nios sample designs, development package, update tools
F207	PCI-104 Carrier		32-bit/33-MHz 1 CompactPCI slot (8 HP front panel) with one PCI-104 module		Onboard: Up to 4 PCI-104 modules	PCI-104 driver software
F305	Fast Ethernet / Real-Time Ethernet Interface		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 4 full/half-duplex 10BASE-T or 100BASE-TX Ethernet on M12 Rear I/O (option): 2 RT Ethernet channels, MTCS connection	Windows, Linux, QNX
F211	Fast Ethernet Interface		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 4 full/half-duplex 10BASE-T or 100BASE-TX Ethernet	Windows, Linux, VxWorks, QNX
F212	PCI Express MiniCard Carrier		32-bit/33-MHz 1 CompactPCI slot		Front I/O: Up to 4 SMA for wireless applications (GPS, GSM, WLAN, UMTS, HSDPA) Onboard I/O: Up to 2 PCI Express MiniCard or Express Card 34 or Express Card 54	Depending on PCIe MiniCard/ Express Card
F212U	Triple USB Interface		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 3 USB 2.0	Windows, Linux, VxWorks

Compare Chart

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F213	PMC Carrier		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 2 SMA for wireless applications Onboard I/O: One 32-bit/33-MHz or 66-MHz PMC or PCI mini card, type III (A and B)	Depending on PMC card / PCI mini card
F215	Universal Interface Board	Nios Soft Core optional	32-bit/33-MHz 1 CompactPCI slot	2 MB Flash, 16 MB DRAM optional	Standard configuration: 2x CAN, 2x UARTs, 1x 8-bit GPIO for use with SA-Adapters Other I/O: FPGA (Altera Arria or Altera Cyclone) for user-defined I/O functions	Linux, VxWorks, Windows, QNX
F216	Octal UART (16550)		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 8x RS232/422/485, hardware-configurable	Windows, Linux, VxWorks, QNX
F217	Memory Card Carrier		32-bit/33-MHz CompactPCI peripheral slot, 1 CompactPCI slot	CompactFlash, Memory Stick, SD/ SDHC (Secure Digital 2.0), MMC plus)		Windows, Linux
F218	Slave CPU Board	MPC8314	32-bit/33-MHz CompactPCI peripheral slot, 1 CompactPCI slot	256 MB DDR2 DRAM, 16 MB Flash	Front I/O: 2 Gigabit Ethernet, 1 COM Other I/O: FPGA (Altera Arria or Altera Cyclone) for user-defined I/O functions	Linux, VxWorks
F223	PCI Express Mini Card Carrier		32-bit/33-MHz 1 CompactPCI slot		Front I/O: Up to 6 SMA for wireless applications (GPS, GSM, WLAN, UMTS, HSDPA) Onboard I/O: 2 PCI Express Mini Card slots, 2 SIM card slots (expandable up to 18 slots total)	Windows, Linux
F403	Binary I/O Card for Railways		32-bit/33-MHz 1 CompactPCI slot		Front I/O: 16 binary inputs/outputs via 4 spring cage terminal blocks	Driver support for all operating systems
F701	MVB Interface Card (Multifunction Vehicle Bus)	Duagon	32-bit/33-MHz 1 CompactPCI slot		Front I/O: 2 D-Sub 9-pin interfaces for MVB connection	Windows, Linux
F750	CANopen Interface Board	Hilscher netX 100	32-bit/33-MHz 1 CompactPCI slot	8 MB SDRAM, 4 MB serial Flash	Front I/O: 1 CANopen Interface, 1 diagnostic interface	Windows, Windows CE, Linux, VxWorks, QNX
F751	DeviceNet Interface Board	Hilscher netX 100	32-bit/33-MHz 1 CompactPCI slot	8 MB SDRAM, 4 MB serial Flash	Front I/O: 1 DeviceNet interface, 1 diagnostic interface	Windows, Windows CE, Linux, VxWorks, QNX
F752	Real-Time Ethernet Interface Board	Hilscher netX 100	32-bit/33-MHz 1 CompactPCI slot	8 MB SDRAM, 4 MB serial Flash	Front I/O: 2 10BASE-T or 100BASE-TX Ethernet, 1 diagnostic interface	Windows, Windows CE, Linux, VxWorks, QNX
F753	PROFIBUS Interface Board	Hilscher netX 100	32-bit/33-MHz 1 CompactPCI slot	8 MB SDRAM, 4 MB serial Flash	Front I/O: 1 PROFIBUS interface, 1 diagnostic interface	Windows, Windows CE, Linux, VxWorks, QNX

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