3U CompactPCI Serial Boards

	Type	CPU	Performance Scalability	CompactPCI Serial Slots	Memory max.	Interfaces	Software
G22	SBC	Intel Core i7, up to i7-3615QE, 2.3 GHz (64-bit CPU), Intel technology: Hyperthreading, VT, AMT, Turbo Boost	**Low end**: 1.5 GHz, 17 W typ. **High end**: 2.3 GHz, 45 W typ.	CompactPCI Serial system slot or CompactPCI Serial peripheral slot	8 GB DDR3 DRAM (soldered), microSD card	**Standard front I/O**: 2 DisplayPort, 2 Gb Ethernet, 2 USB **Standard rear I/O**: 5 PCIe x1, 2 PEG x8, 8 USB, 6 SATA, 1 DisplayPort **Optional rear I/O** (mezzanine card): up to 8 Gigabit Ethernet	Windows, Linux
G20	SBC	Intel Core i7, up to i7-610E, 2.53 GHz (64-bit CPU), Intel technology: Hyperthreading, VT, AMT, Turbo Boost	**Low end**: 1.06 GHz, 18 W typ. **High end**: 2.53 GHz, 35 W typ.	CompactPCI Serial system slot	4 GB DDR3 DRAM (soldered), CompactFlash, microSD card	**Standard front I/O**: 2 DisplayPort, 2 Gb Ethernet, 2 USB **Standard rear I/O**: 5 PCIe x1, 2 PEG x8, 8 USB, 6 SATA, 1 DisplayPort **Optional rear I/O** (mezzanine card): up to 8 Gigabit Ethernet	Windows, Linux
G100	CompactPCI Serial to CompactPCI Interface (with F100)			CompactPCI Serial peripheral slot		**Standard front I/O**: 1 PCI Express x1	Driver software not necessary
G201	USB 3.0 Interface			CompactPCI Serial peripheral slot		**Standard front I/O**: 4 USB 3.0 interfaces	Windows, Linux
G211	Gigabit Ethernet Interface			CompactPCI Serial peripheral slot		**Standard front I/O**: 4 full/half-duplex 10/100/1000Base-T Ethernet on RJ45 or M12 connectors	Windows, Linux
G211F	Quad Fiber Optics Interface			CompactPCI Serial peripheral slot		**Standard front I/O**: 4 optical transceiver channels 1000Base-SX	Windows, Linux

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	Type	CPU	Performance Scalability	CompactPCI Serial Slots	Memory max.	Interfaces	Software
G212	PCI Express MiniCard Carrier			CompactPCI Serial peripheral slot		**Standard front I/O**: Express Card 34 or Express Card 54 slots via 4 SMA for HF applications (GPS, GSM, WLAN, UMTS, HSDPA) **Onboard I/O:** Up to 2 PCI Express MiniCards	Depending on PCIe MiniCard/ Express Card
G213	XMC/PMC Carrier			CompactPCI Serial peripheral slot		**Onboard I/O:** 1 XMC slot (2 links x4), or 1 PMC slot (32-bit, 64-bit, PCI-X up to 133MHz)	Depending on XMC/PMC card
G214	Multi-Display Controller	GPU: AMD E6760		CompactPCI Serial peripheral slot	1 GB integrated graphics RAM	**Standard front I/O**: 4 DisplayPort 1.2 interfaces (+ 2 DisplayPort 1.1 interfaces optional via side-board connector)	Windows Vista/7, Linux
G215	Universal Interface Board	Nios Soft Core optional		CompactPCI Serial peripheral slot	4 MB Flash, Up to 64 MB DRAM	**Standard configuration:** 2x CAN, 2x UARTs, 1x 8-bit GPIO for use with SA-Adapters (customizable via on-board FPGA)	Linux, VxWorks, Windows, QNX
G301	Unmanaged Ethernet Switch			CompactPCI Serial peripheral slot		**Standard front I/O**: 4x 10/100/1000Base-T Ethernet **Optional rear I/O:** 1x 10/100/1000Base-T Ethernet (J6)	Driver software not necessary
G302	Managed Ethernet Switch	Freescale™ PowerPC® MPC8314		CompactPCI Serial system or peripheral slot	32 MB Flash, 512 MB SDRAM	**Standard front I/O**: 3x 10/100/1000Base-T Ethernet **Rear I/O:** up to 13x 10/100/1000Base-T Ethernet	Management Firmware
G303	Unmanaged Ethernet Switch			CompactPCI Serial system or peripheral slot		**Standard front I/O**: 3x 10/100/1000Base-T Ethernet **Rear I/O:** up to 13x 10/100/1000Base-T Ethernet	Driver software not necessary
G501	HDD/SSD shuttle			1 CompactPCI Serial peripheral slot		**Onboard I/O:** 1x 2.5" SATA HDD or SSD	Driver software not necessary

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