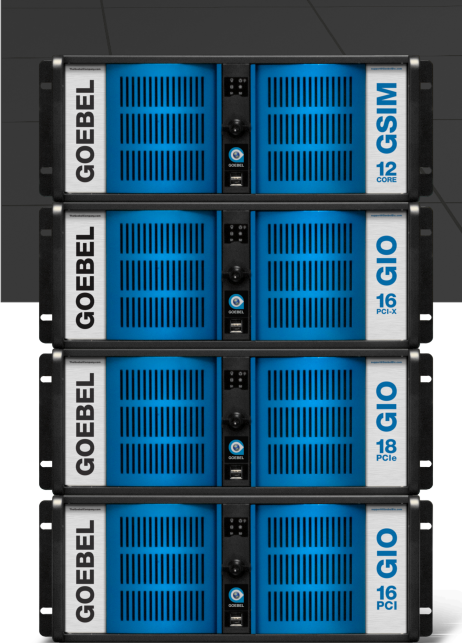




The GSIM avionics IO platform builds on The Goebel Company's long history in computer architecture and realtime simulation. Whether your IO requirements are simply driving a cluster of displays, or driving a full complement of avionics IO, GSIM has the solution for you. GSIM provides the highest IO count in single chassis rack mount or desktop configurations. GSIM configurations are delivered with Linux Real-time systems. See our GSERV line for Windows based systems.



GSIM chassis

Our 4U full length (27") GSIM chassis provides ample room and exceptional cooling. Care is taken to minimize noise for office environments. Removable washable air filters provide long term reliability. Exceptional cooling provides optimal conditions for heat sensitive components. The GSIM chassis supports full length PCI or PCIe cards.

GSIM quality components

We constantly search for the best components available. We pay attention to energy efficiency, select long life and high reliability components. Our power supplies feature 80+ Gold energy efficiency. Motherboards and power supplies feature high temperature capacitors.

GSIM technology upgrades

Our GSIM philosophy is to remain flexible to take advantage of the latest hardware technology and pricing. We keep our inventory low to take advantage of price reductions, or technology improvements.

GSIM expansion

Select the GIO expansion system from the table for additional PCI, PCI-X or PCIe slots.

GSIM options

Select the GSIM base system from the table and match the color coded options desired for your base system.

Goebel GSIM System configurations

Part number	PCI slots	Disk	CPU	Memory	Video	LAN	Chassis	Power	Also
GSIM-162	2 5v PCI PCIe X16 3 PCIe X8 (max 3-X8 + X4) Gen 2	150 GB 10K RPM 1TB removable Optional: 3 removable	16 core 2.6GHz 16 MB cache	16GB DDR3 1333	VGA Optional: Dual DVI	4-GB LAN Optional: Dual 10 GB	4U full length rack mount with slides 19"x7"x27.1" 47lbs	750 Watt 80+ Gold	Keyboard mouse, DVD r/w Order display separately
GSIM-163	2 5v PCI PCIe X16 3 PCIe X8 (max 3-X8 + X4) Gen 2	150 GB 10K RPM 1TB removable Optional: 3 removable	16 core 2.4GHz 16 MB cache	16GB DDR3 1333	VGA	4-GB LAN Dual 10 GB	4U full length rack mount with slides 19"x7"x27.1" 47lbs	750 Watt 80+ Gold	Rack-mount keyboard, trackpad, Display DVD r/w
GSIM-164	2 5v PCI PCIe X16 3 PCIe X8 (max 3-X8 + X4) Gen 2	150 GB 10K RPM 1TB removable Optional: 3 removable	16 core 2.4GHz 16 MB cache	16GB DDR3 1333	VGA Optional: Dual DVI	4-GB LAN Dual 10 GB	4U full length rack mount with slides 19"x7"x27.1" 47lbs	750 Watt 80+ Gold	Keyboard mouse, DVD r/w Order display separately

Goebel GSIM Expansions

Part number	PCI slots	HOST slot	Chassis	Power
GIO-6X	6 Universal (3.3 or 5V) PCI/PCIX	PCIe-x4	4u rackmount case, 27" deep	560 Watt 80+Gold
GIO-7E	7 slot PCIe-x4	PCIe-x8	4u rackmount case, 27" deep	560 Watt 80+Gold
GIO-13P	13 slot PCI 33/32	PCI 5v 33/32	4u rackmount case, 27" deep	560 Watt 80+Gold

Options

Part number	Description
GD150-VRI	150 GB 10K RPM high performance removable drive in carrier
GD500-RI	500 GB removable drive in carrier
GD1000-RI	1 TB removable drive in carrier
GV380-2DVI	Dual DVI workstation graphics
SFN5121T	Dual 10 GB LAN
GD-22B	22" LCD 1680x1050
GD-24B	24" LCD 1900x1200