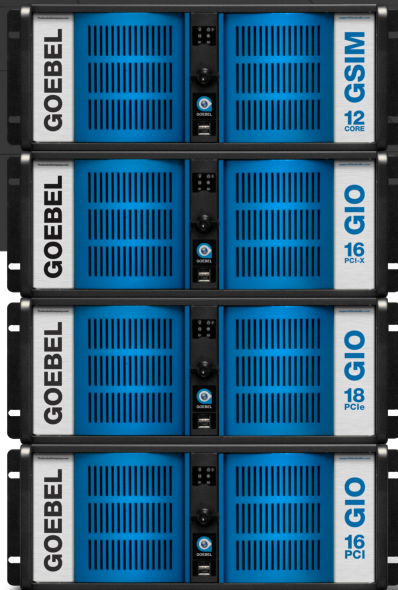




The GSERV avionics IO platform builds on The Goebel Company's long history in computer architecture and realtime simulation. Weather your IO requirements are simply driving a cluster of displays, or driving a full complement of avionics IO, GSERV has the solution for you. GSERV provides the highest IO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



GSERV chassis

Our 4U chassis come in short length (20.8") or full length (27") versions. The short length is convertible between desktop and rack mount configurations. 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 full length chassis supports full length PCI or PCIe cards.

GSERV 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.

GSERV technology upgrades

Our GSERV 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.

GSERV options

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

Goebel GSERV System configurations

Part number	PCI slots	Disk	CPU	Memory	Graphics	LAN	Chassis	Power	Also
GSERV-I245	5 5v PCI PCIe X16 PCIe X8	500 GB removable <i>Optional</i> 2 removables	2 core 3.16 GHZ 6 MB cache	4 GB DDR3 1333	Onboard VGA <i>Optional</i> Dual DVI	Dual GBe <i>Optional</i> Dual GBe	4U 20.8" deep desktop, converts to rack mount. 19"x7"x20.8" 39lbs	550 Watt 80+ Gold 120/240v	Keyboard, mouse, DVD r/w, Display extra
GSERV-I244	Full length 5 5v PCI PCIe X16 PCIe X8	500 GB removable <i>Optional</i> 4 removables	2 core 3.16 GHZ 6 MB cache	4 GB DDR3 1333	Onboard VGA <i>Optional</i> Dual DVI	Dual GBe <i>Optional</i> Dual GBe	4U full length rack mount. Order slides separate 19"x7"x27.1" 46lbs	550 Watt 80+ Gold 120/240v	Keyboard, mouse, DVD r/w, Display extra
GSERV-247	5 5v PCI PCIe X16 PCIe X8	240 GB SSD removable <i>Optional</i> 2 removables	4 core, Xeon 3.5 GHZ 8 MB cache	16 GB DDR3 1333	Onboard VGA <i>Optional</i> Dual DVI	Dual GBe <i>Optional</i> Dual GBe	4U 20.8" deep desktop, converts to rack mount. 19"x7"x20.8" 39lbs	550 Watt 80+ Gold 120/240v	Keyboard, mouse, DVD r/w, Display extra
GSERV-416	Full length 16 5v PCI PCIe X16	500 GB removable <i>Optional</i> 2 removables	2 core 3.33 GHZ 4 MB cache	4 GB DDR3 1333	VGA <i>Optional</i> Dual DVI	Dual GBe	4U full length rack mount. Order slides separate 19"x7"x27.9" 46lbs	750 Watt 80+ Gold 120/240v	Keyboard, mouse, DVD r/w, Display extra
GSERV-I461	2 5v PCI 2 PCIe X16 PCIe X8 PCIe X1	500 GB removable <i>Optional</i> 2 removables	4 core i7 3.5 GHZ 8 MB cache	4 GB DDR3 1333	Dual DVI <i>Optional</i> Dual DVI	Dual GBe <i>Optional</i> Dual GBe	4U 20.8" deep desktop, converts to rack mount. 19"x7"x20.8" 39lbs	650 Watt 80+ Gold 120/240v	Keyboard, mouse, DVD r/w, Display extra

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
GLAN1000-2	Dual GBe LAN PCIe X4
GD-22B	22" LCD 1680x1050
GD-24B	24" LCD 1920x1080
GD-24WUX	24" LCD 1920x1200
GSL-27	Rack mount slides fits long chassis
GSL-26	Rack mount slides fits short chassis