



7 Port USB 3.2 Gen 1 Metal Hub w/ 15KV ESD Surge Protection & Port Status LEDs



Industrial Grade | +7~24V DC Input | Surface Mountable | 5 Gbps | Screw Lock

Model No. CG-7PU31HB



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- **Protect Your Equipment:** The 7-port hub supports 15KV ESD surge protection for each port to keep your connected peripherals safe from harm.
- **Super Fast Speeds:** This USB hub is 3.2 Gen 1 compliant, ensuring super-fast 5Gbps data transfer speeds. It supports super speed, high speed and full speed which enables it to be compatible with 2.0 / 1.1.
- **Superior Build Quality:** Housed in a rugged steel chassis with built in mountable flanges, the 7-port hub is perfect for workstations installations in offices, labs, warehouses, and other industrial applications.
- **Upstream:** 1 USB port, Type B connector, Screw-lock type
- **Downstream:** 7 USB ports, Type A connectors, Screw-lock type
- **Power Connector:** 2-Pin Terminal Block, DC Barrel 2.5mm ID x 5.5mm OD
- **LED Indicators:** 7 LEDs for each downstream port to indicate the current bus
- **Mounting Options:** Wall & Surface

Interested? LEARN MORE →

Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ **1-727-209-1300** (Local) ✉ **expert@coolgear.com**



We Speak Your Speak - When you reach out to our support, you'll find yourself in the hands of a solution-oriented, knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

We're Ready For Integration, Every Time. - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

Within every great machine, lives Coolgear. - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

Advanced Engineering - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)



Environmental	Operating Temperature	0°C to 55°C (32°F to 131°F)
	Storage Temperature	-20 to 75°C (-4 to 167°F)
	Humidity	5% ~ 95% (non-condensing)
	ESD Protection	15KV Surge Protection for Each Port
Performance	Isolated/Surge Protected	Yes
	Max Data Transfer Rate	5Gbps
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
Hardware	Chipset	GL 3522
	Charging Protocols	Charging Downstream Port (CDP), Dedicated Charging Port (DCP)
	LED Indicators	Port Status, Power
	Per USB Port Current	1.5 A
Product Information	Warranty	1 year from date of purchase
	Input Voltage	+7~24V DC
	Over Current Protection	Y
	Over Voltage Protection	Y per buck
Power	Power Source	2-Pin Terminal Block, AC Adapter Included, DC Barrel Jack 2.5mm ID × 5.5mm OD
	Idle Consumption	37.67mA Bus Powered, 68.2mA @ 12V Terminal Power
	Adapter Input Current	1A
	Adapter Input Voltage	100~240V AC
	Adapter Output Current	3A
	Adapter Output Voltage	12V DC
	External Power Required	No
Software	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
What's in the Box	Package Contents	Hub, Power Adapter, USB-A to USB-B Cable
	USB Type	USB 3.2 Gen 1
USB	Upstream USB Ports	1 Type-B Female USB
	Downstream USB Ports	7 Type-A Female USB
	Isolated/Surge Protected	Yes
	Screw Lock Compatible	Yes
Mechanical	Color	Black
	Item Dimensions (L × W × H)	6.023 × 2.335 × 1.037 in.
	Item Weight	0.637 lbs.
	Mounting Style	Surface / Wall Mount
	Ports	7 USB Ports
Compliance	Material of Construction	Galvanized Steel
	Country of Origin	Taiwan
	Certifications	REACH , TAA Hubs , RoHS
	Compliance	RoHS Hubs, TAA Hubs


Other Data	Connector	2-Pin Terminal Block, USB 3.0 Type-B Female, USB Type-A Female
	UPC	045079159648
	Series	WKS-UH (Workstation Series Hubs)
	Weight	1.743 lbs
	Dimensions	9.750 × 6.500 × 2.125 in

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