

GEB-3301

GPU Expansion Box with 1 x PCIe x16 and 1 x PCIe x4 Slots



Key Features

- Supports NVIDIA RTX 30 Series GPU Card
 - Support 1 x PCIe x16 Slot for full-length GPU card Expansion
 - Support 1 x PCIe x4 Slot for Add-on card Expansion
 - Intelligent Cooling Design for High Performance GPU Card
 - Military Standard Shock & Vibration Proof
 - Designed with adjustable GPU card retainer
- (TW Patent Certificate No: I763318)
(US Patent Certificate No: US 11,470,738 B2)

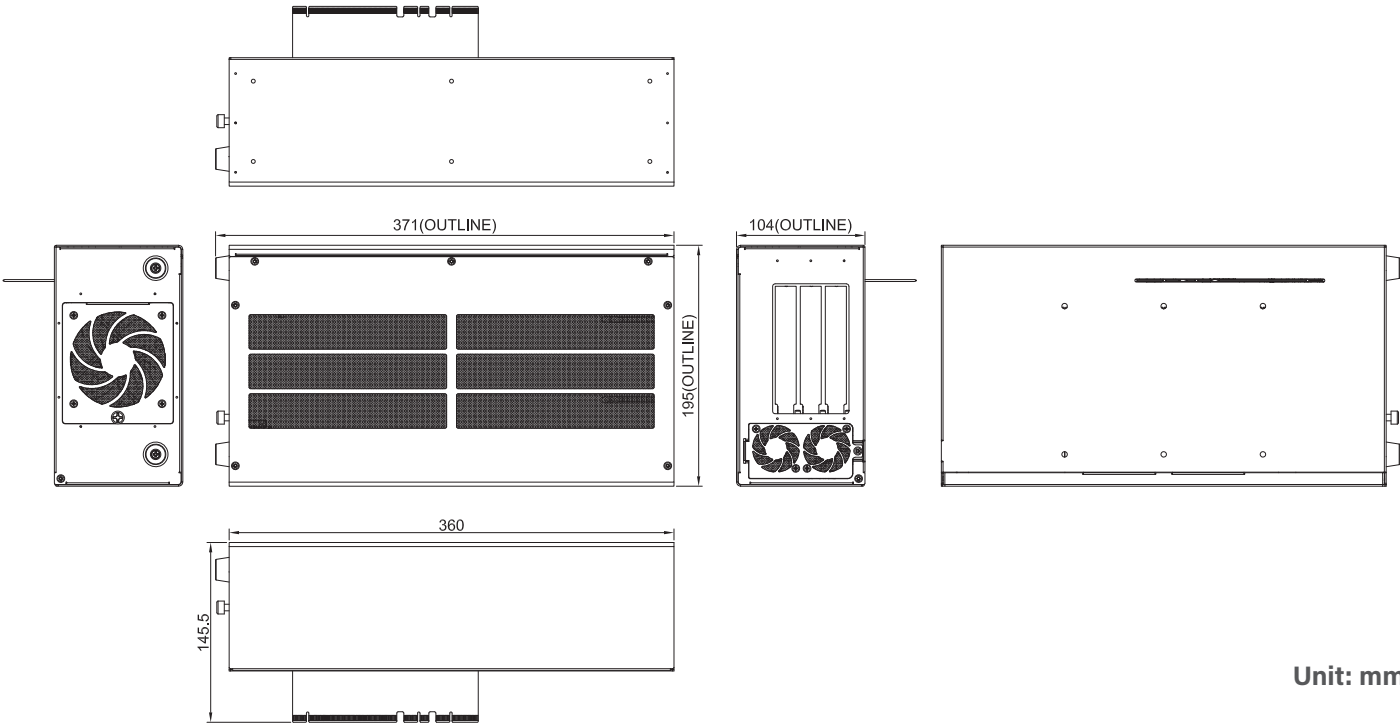
Certifications



Specifications

Expansion Slot	• 1 x PCIe x 16 Slot (PCIe x 16 Signal) for GPU Card • 1 x PCIe x 4 Slot (Max. 25W) * Single-GPU configuration: 300 W @ 24 VDC
GPU Card Dimension	• Card Length : 328mm • Card Height : 64mm (Standard Triple-Deck) • Card Width : 138mm
Internal USB	• 1 x USB 2.0, Type A
Internal Power Connector	• 2 x 8-Pin Connector for GPU Card
Weight Information	• 3.2 kg
Dimension (W x D x H)	• 104 x 195 x 360 mm
MTBF	• 2,713,254 hr
Shock	• MIL-STD-810H * Test with system (w/ GP series)
Vibration	• MIL-STD-810H * Test with system (w/ GP series)
EMC	• CE, UKCA, FCC, ICES-003 Class A * Test with system (w/ GP series)
EMI	• CISPR 32 Conducted & Radiated: Class A • EN/BS EN 50121-3-2 Conducted & Radiated: Class A • EN/BS EN IEC 61000-3-2 Harmonic current emissions: Class A • EN/BS EN 61000-3-3 Voltage fluctuations & flicker • FCC 47 CFR Part 15B, ICES-003 Conducted & Radiated: Class A
EMS	• EN/IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV • EN/IEC 61000-4-3 RS: 80 MHz to 1000 MHz: 20 V/m • EN/IEC 61000-4-4 EFT: AC Power: 2 kV; Signal: 2 kV • EN/IEC 61000-4-5 Surges: AC Power: 2 kV • EN/IEC 61000-4-6 CS: 10V • EN/IEC 61000-4-8 PFMF: 50 Hz, 1A/m • EN/IEC 61000-4-11 Voltage Dips & Voltage Interruptions: 0.5 cycles at 50 Hz
Safety	• UL, cUL, CB, IEC, EN62368-1
Railway	• EMC: - EN 50155: 2021 Clause 4.4.6, 13.4.9 - EN 50121-1: 2017 - EN 50121-3-2: 2016 + A1: 2019 * Test with system (w/ GP series)
In-Vehicle	• E-mark * Test with system (w/ GP series)

Dimensions



Ordering Information

Available Models

GEB-3301-R10 	GPU Expansion Box with 1 x PCIe x 16 and 1 x PCIe x 4 Slots
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Package Checklist

	Wall Mount Bracket
	2 x 8 Pin to 6+2 Pin GPU Power Cable
	2 x Screw Pack
	1 x GPU Card Retainer Screw Pack
	1 x Rubber Foot Kit
	2 x Sponge

Compatible GPU List

Model	Architecture	Dimesion (D x W mm)	Slot	Power Consumption
RTX PRO 6000 Blackwell Max-Q Workstation Edition	Blackwell	266.7 x 111.8	dual slot	300W
RTX PRO 5000 Blackwell	Blackwell	266.7 x 111.8	dual slot	300W
RTX PRO 4500 Blackwell	Blackwell	241.3 x 111.8	dual slot	200W
RTX PRO 4000 Blackwell	Blackwell	266.7 x 111.8	single slot	140W
RTX PRO 4000 SFF Blackwell	Blackwell	167.6 x 68.6	dual slot	70W
RTX PRO 2000 Blackwell	Blackwell	167.6 x 68.6	dual slot	70W
RTX 6000	Ada Lovelace	266.7 x 111.8	dual slot	300W
RTX 5000	Ada Lovelace	266.7 x 111.8	dual slot	250W
RTX 4500	Ada Lovelace	266.7 x 111.8	dual slot	210W
A800 40GB Active	Ampere	266.7 x 111.8	single slot	130W
RTX A6000	Ampere	266.7 x 111.8	dual slot	70W
RTX A5500	Ampere	266.7 x 111.8	dual slot	230W
RTX A5000	Ampere	266.7 x 111.8	dual slot	230W
RTX A4500	Ampere	266.7 x 111.8	dual slot	200W
RTX A4000	Ampere	241.3 x 111.8	single slot	140W
RTX A2000 RTX A2000 12GB	Ampere	167.6 x 68.6	dual slot	70W

**An optional GPU expansion box is required for GPU usage.