

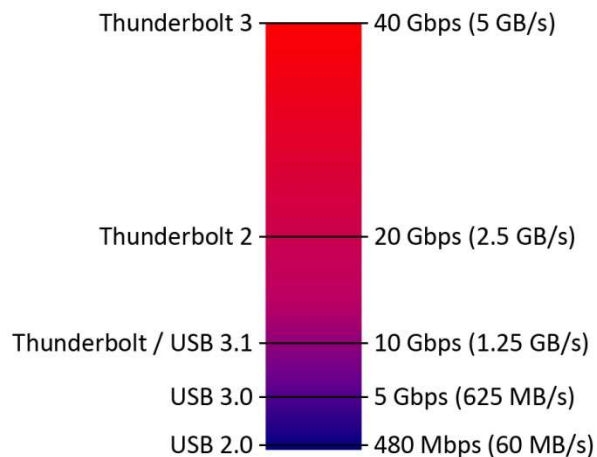
## Thunderbolt 3 PCIe Expansion Benchtop Box

The GaGe TB3-E1A-T02 Thunderbolt 3 PCIe expansion box provides the ability to utilize high-performance GaGe PCIe instrumentation cards with systems whose form factors do not support the native integration of these cards such as:

**Laptops    2-in-1s    Tablets    All-in-Ones    Mini PCs**



Thunderbolt 3 provides the largest bit-rate capacity interface possible at up to 40 Gbps (5 GB/s) over a USB-C connector to support a variety of protocols including PCI Express (PCIe).



In Thunderbolt 3 mode, up to four lanes of PCIe Gen3 is supported for a maximum rate of 32 Gbps (4 GB/s); making it an ideal match for optimal data transfer performance of high-speed GaGe Digitizers to connected PC devices.

The expansion box features a single PCIe Gen3 x4 (x16 mechanical) slot that supports a full-height full-length single or double width PCIe card. A built-in 650W power supply unit powers the chassis and can provide up to 75W of power directly to the PCIe slot. An additional two 8-pin PCIe power connectors are available, for supporting PCIe card connections, providing a total of 585W for the most demanding cards. An internal bottom 120mm exhaust cooling fan and chassis panel ventilation areas ensure proper cooling. The chassis also features a convenient top carry handle for ease of portability.

A PC system device with an active Thunderbolt 3 port is required to connect to this Thunderbolt 3 PCIe expansion box, which is supplied with an included Thunderbolt 3 USB-C cable for proper operation. Standard USB ports will not work with this Thunderbolt 3 PCIe Expansion Box.

## TB3-E1A-T02 Base Specifications



<b>Connecting Interface:</b>	1 x Thunderbolt 3 (USB Type C) Port
<b>Connecting Cable:</b>	1 x Thunderbolt 3 USB-C Cable, 0.5m Length, Included
<b>Data Transfer*:</b>	Thunderbolt 3 PCIe Mode up to 32 Gbps (4 GB/s) *Actual Rate is System and PCIe Card Dependent
<b>PCIe Slots:</b>	1 x PCIe Gen3 x4 (x16 mechanical), Supports Full-Height Full Length (12.6 in / 320 mm) Single or Double Width PCIe Cards
<b>Cooling:</b>	1 x Internal Bottom Exhaust 120 mm High CFM Case Fan 1 x Internal Bottom Intake Power Supply Fan Side Mesh Panel for Cooling Air Intake/Exhaust
<b>Power:</b>	1 x 650W Internal Power Supply Unit, Provides up to 75W to PCIe Slot, Available Two 8-Pin (6+2-Pin) PCIe Power Connectors Provides up to 585W PCIe Card Power, Input: AC 100-240V, 50Hz-60Hz Output: DC +12V/54A Ratings: CB, TUV, UL, EMC, FCC, CE, CCC, BSMI Appr.
<b>Temperature:</b>	Operating: 5° to 35° C / 41° to 95° F Non-Operating: -20° to 60° C / -4° to 140° F
<b>Humidity:</b>	Operating: 5 to 95 % relative, non-condensing
<b>Dimensions:</b>	Width: 135 mm / 5.31 in. Depth: 357 mm / 14.06 in. Height: 266 mm / 10.47 in.
<b>Weight:</b>	5.44 kg / 12 lb.

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