

amfeltec™



**Arowana**  
**PCI Express SSD BOARD™**  
**F A M I L Y**





The *Arowana* PCI Express Family is a series of one-slot-wide PCIe SSD Boards designed for desktop computers, servers, embedded appliances and storage expansion.

## *Arowana* Family highlights:

- Includes the fastest ruggedized SSD board on the market.
- Includes the smallest ruggedized SSD board on the market.
- Includes a unique product that **combines** SSD Watch Dog Timer functionality with System Logger functionality in one M.2 board (dedicated for embedded and IOT systems).

## Key Characteristics of All *Arowana* SSD Boards™

### **Motherboard agnostic**

Compatible with any motherboard or embedded computer on the market

### **Variety of form factors**

1U, 2U and M.2 (M-key)

### **Operating Temperature**

Industrial (-40°C to +85°C)

### **RoHS compliant**

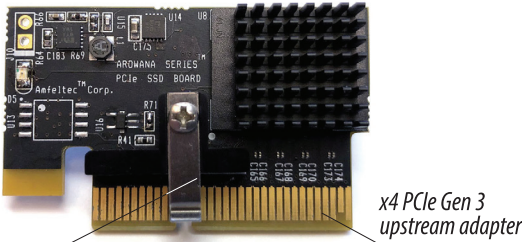
Environmentally friendly

### **Easy "Plug & Play" installation**

No drivers required

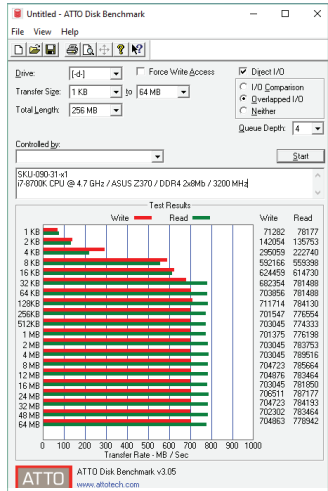
## SKU-090-31-x4

## 1U 1 TB PCIe SSD Board



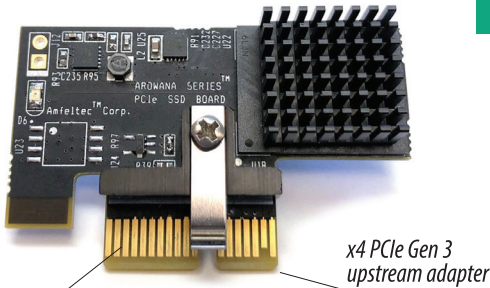
PCIe Retainer holds the carrier board inside 1U chassis without a bracket

- Supports PCIe Gen 3 x 4 lanes
- 1 TB storage capacity (optional: 512 MB, 256 MB or 128 MB)
- Support installation in 1U servers or appliances (size 49 mm x 30 mm)
- Extended industrial temperature range



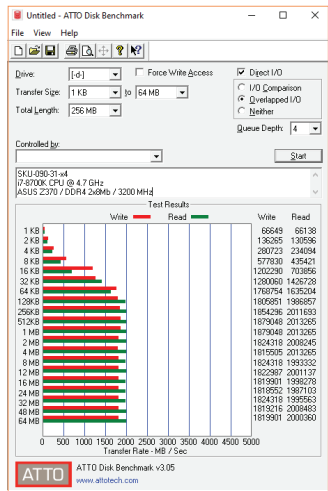
## SKU-090-31-x1

## 1U 1 TB PCIe SSD Board



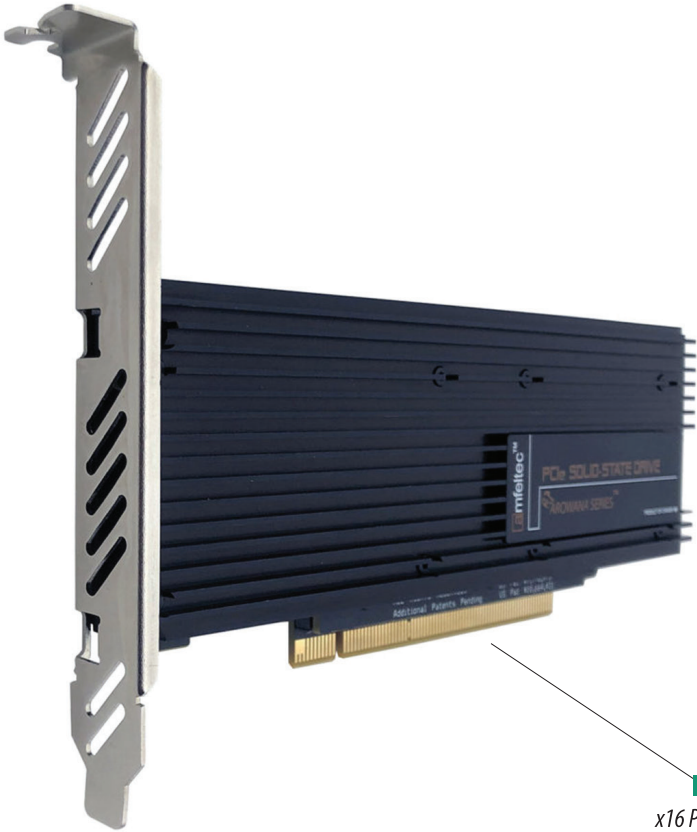
PCIe Retainer holds the carrier board inside 1U chassis without a bracket

- Supports PCIe Gen 3 x 1 lanes
- 1 TB storage capacity (optional: 512 MB, 256 MB or 128 MB)
- Support installation in 1U servers or appliances (size 49 mm x 30 mm)
- Extended industrial temperature range





**SKU-091-38**



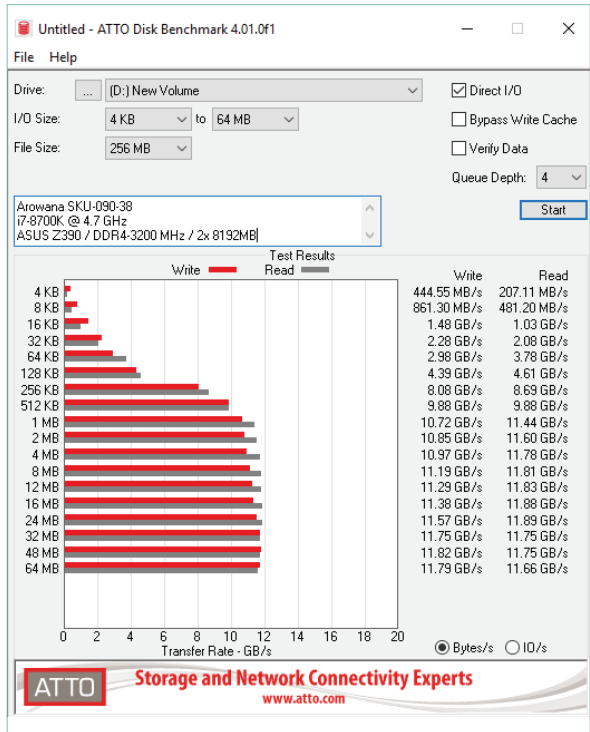
x16 PCIe Gen 3  
upstream adapter

- Compatible with any motherboard
- Supports PCIe Gen 3 (16 lanes or 8 lanes)
- 8 TB storage capacity (optionally 4 TB)
- Extended Industrial temperature range
- Dimension: 167.65 mm X 68.9 mm

**2U 8 TB. PCIe SSD Board**



x8 PCIe Gen3  
upstream adapter  
(optional)

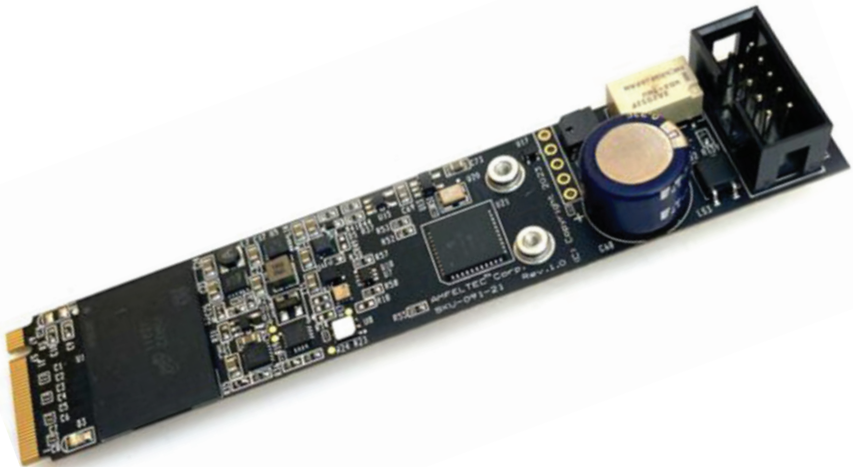




**SKU-091-21**

## M.2 System Logger, SSD and Watchdog Timer

- Reboots a computer, embedded appliance, or IoT device in case of hovering or system crash
- Logs system information in the event of a system crash or power outage
- Logs sensor information: temperature, accelerometer, pressure and humidity
- System storage: SSD



- Supports PCIe Gen 3 x4 lanes and USB connection
- Extended industrial temperature range
- 1 TB storage capacity (optional: 512 MB, 256 MB or 128 MB)
- M.2 form factor (22 mm x 110 mm) (M-key)

## About Us

**Amfeltec Corporation** is a leading Canadian designer and manufacturer of complex and innovative electronics solutions, based in Stouffville, Ontario.

Our product lines include:

- system monitoring and crash recovery products
- carrier boards (SSD, wireless, video)
- telecommunication solutions
- SSD boards
- computer hardware expansion products
- testing, debugging and production tools

*Amfeltec* places a special focus on high-speed inter-connectivity technologies.

Since its incorporation in 2005, *Amfeltec* has served various customer segments, ranging from small businesses and individual consumers to multinational corporations and government agencies, including the defence industry and electronics companies specializing in the development of high-performance, custom-built computer systems.

*Amfeltec's* multi-decade industry experience, engineering expertise, innovation track record, and a diverse product portfolio make the company a solution provider of choice for many enterprises worldwide.

Notable *Amfeltec* product families include *Squid Carrier Board*™, *Piranha USB Telecom Adapter*™, *Arowana PCIe SSD Board*™, *AngelShark Carrier Board*™ and *PocketShark*™ Batteryless System Loggers.

*Most of our products are covered by one or more United States patents.*

*All our products are designed and manufactured in Canada.*



 Designed and Manufactured in Canada

This product may be covered by one or more of the following U.S. patents:  
7,186,145; 7,255,570; 7,537,491; 7,850,475; 7,908,504; 8,351,583; 8,483,364; 9,996,495;  
10,481,660; 10,664,431.

Other U.S. patents pending

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