

# Storage Solutions Designed for Extreme Temperatures

## TODAY'S...

- ▶ SMART MANUFACTURING
- ▶ EXTREME CLIMATE
- ▶ RUGGED EDGE



## MEAN...

- ▶ EXTREME TEMPERATURES
- ▶ HARSH ENVIRONMENTS
- ▶ A NEED FOR PERFORMANCE

## DEMANDING...

- ▶ WIDE TEMPERATURE-SUPPORT
- ▶ THERMAL OPTIMIZATION
- ▶ EXASCEND STORAGE

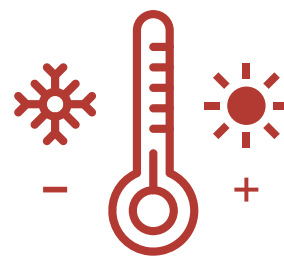


# The world is changing

**Manufacturing** is getting smarter. Advanced autonomous systems and processing power previously not found outside datacenters are making their way into even the heaviest of industries.

Our increasingly **extreme climate** brings new challenges. Scorching heat and freezing cold are making their way into usually temperate climates. Natural disasters and rare weather phenomena are becoming more common.

Edge computing meets rugged environments. The **rugged edge** brings computing power to where it is needed the most: in remote and challenging environments that stand to benefit the most from a higher degree of autonomy.

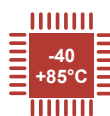


## Our commitment to the extreme

Exascend is a technology leader in the industrial-grade storage industry fully committed to addressing the rugged challenges of our present and future with true wide-temperature products and patented technologies.

This, combined with Exascend's best-in-class customization services means a product lineup equipped to tackle any challenging environment.

Because not all rugged storage devices are created equal.



True wide-temperature  
NAND



Stringent testing



Thermal optimization



Patented *Adaptive Thermal Control*  
technology



Performance tuning



Rugged customization

## Recommended products



### PI3 series

PCIe 3.0 interface  
M.2 (2280) and U.2 form factors  
Industrial-grade design  
True wide-temperature support  
Up to 3,200/1,600 MB/s sustained read/write



### SI3 series

SATA-III interface  
2.5", M.2 (2280, 2260, 2242) and  
mSATA form factors  
Industrial-grade design  
True wide-temperature support  
Up to 530/520 MB/s sustained read/write



### Customized solution

Custom form factor  
Custom hardware technologies  
Custom firmware  
Optimized performance and power

Exascend is a leader in industrial and enterprise data storage, specializing in fully customizable, in-house developed advance storage solution, delivering enterprise-grade performance and stability to high-reliability applications. Established in 2006 by a group of engineers with deep experience in solid-state storage, our passion is creating value-added, best-in-class SSDs for embedded and server applications.

