



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

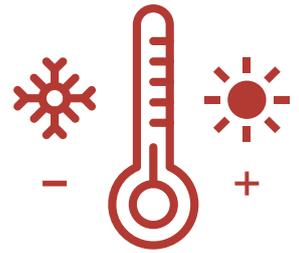


The world is changing

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



S13 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.

