Press RELEASES

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Greenliant Brings High Endurance to NVMe M.2 ArmourDrive™ SSDs

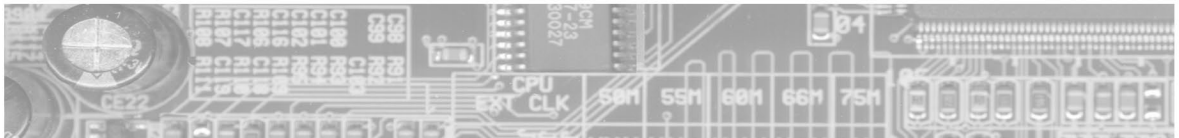
High Performance and Advanced Security in a Thin Profile

SANTA CLARA, CALIF. – OCTOBER 07, 2024 – Greenliant, distributed by Macnica ATD Europe, is now sampling high-endurance EnduroSLC™ NVMe M.2 2242 and 2280 ArmourDrive™ EX Series solid state drives (SSDs), providing 75,000 and 150,000 program-erase (P/E) cycles. Operating between -40 and +95 degrees Celsius, NVMe M.2 ArmourDrive EX Series SSDs offer high reliability and long-term support required by leading customers in aerospace and defense, industrial, transportation and networking. See NVMe M.2 ArmourDrive information at https://bit.ly/NVMe-M2-SSD.

Greenliant is also sampling upgraded NVMe M.2 2242 / 2280 ArmourDrive PX Series SSDs with high-quality industrial 3-bit-per-cell (TLC) 3D NAND that support 5,000 P/E cycles. Optimized for high performance and low power consumption, both EX and PX series products provide the convenience of removability. Offered from popular 2280 (GLS88AS) to small 2242 (GLS88CS) form factors and available in a wide range of capacities, these single-sided, thin-profile SSDs are ideal for space-constrained designs.

Equipped with high-security features and AES-256 hardware encryption support, GLS88AS / GLS88CS SSDs have been designed to protect and securely store data. With advanced add-on features, such as secure data erase, hardware write protection and debug ports, these SSDs meet and exceed the requirements of storage systems built for mission-critical applications.

Benefits of GLS88AS / GLS88CS NVMe M.2 ArmourDrive SSDs:



- High Endurance: Achieve 75K, 150K P/E cycles (EX Series), 5K P/E cycles (PX Series)
- Industrial Temperature: Operate from -40°C to +95°C (Tc = Case surface temperature)
- High Performance: Reach up to 2,390/1,780 MB/s read/write
- Low Power: Consume as low as 1,330 mW when active
- Data Security: Support AES-256 hardware encryption, Crypto Erase, Secure Erase

NVMe M.2 2280 ArmourDrive (GLS88AS) SSDs support the PCIe Gen3x4 interface, and are available in capacities from 40GB to 640GB (EX Series) and 120GB to 1.92TB (PX Series). NVMe M.2 2242 ArmourDrive (GLS88CS) SSDs support the PCIe Gen3x2 interface, and are available in capacities from 20GB to 320GB (EX Series) and 60GB to 960GB (PX Series).

Availability and Pricing

Greenliant is sampling eMMC NANDrive VX Series SSDs to customers now, and expects to start volume production in January 2024. eMMC NANDrive EX Series SSDs with increased endurance of 75K, 150K and trailblazing 400K P/E cycles are shipping now.

More Information about availability, samples and pricing, please visit email: sales.europe@macnica.com.

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About Greenliant

By leveraging more than 30 years of solid state storage design expertise, Greenliant is dedicated to developing durable, reliable and secure storage solutions for embedded systems and enterprise datacenters.

The company is headquartered in Silicon Valley with product development centers in Santa Clara, Beijing, Shanghai, Xiamen and Hsinchu. https://www.greenliant.com

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About Macnica ATD Europe GmbH

Macnica's ATD Europe GmbH, (former Macnica GmbH), was originally established in the UK in 2006, and moved to Germany in July 2008, to increase efficacy of its service for European customers.

By it's acquisition of the Munich based company Scantec Mikroelektronik in 2014 Macnica Europe formed a powerful semiconductor distribution with headquarter in Ingolstadt and offices in Munich, Regensburg, Milton Keynes (UK) and Warsaw offering an attractive and competitive portfolio of highly sophisticated devices.

Macnica provides end to end support from design-in to production through its global service network to its customers, regardless of the final destination of the product shipment to customers' manufacturing locations.

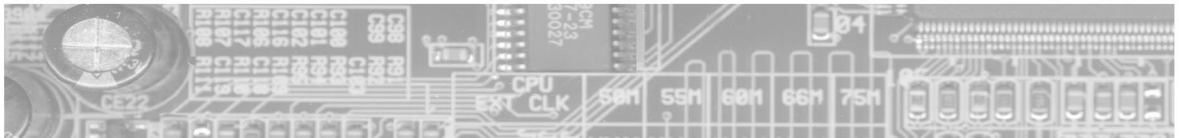
About Macnica ATD Europe S.A.S.

Founded in 1990 as ATD Electronique, Macnica ATD Europe headquarter offers innovative components dedicated to imaging applications for the European market. Its product portfolio includes: image sensors (CCD, CMOS, InGaAs, Thermal etc.), optics, interface circuits, FPGA & IPs, imaging processors, cables and OLED microdisplays.

It also covers development tools and design services enabling fast and efficient realization of new high-performance camera systems for markets such as machine vision, medical, life sciences, surveillance, automotive and others. After the acquisition of the company by Macnica Inc. as of October 1, 2020 the company operates under the name Macnica ATD Europe.

About Macnica, Inc.

Macnica was established in 1972 as a semiconductor distribution company headquartered in Yokohama, Japan, and has over 85 sales offices worldwide in eastern Asia,



Europe and the USA. Total number of employees is over 3,900 and its consolidated revenue for fiscal 2021 was approximately US$ 7.6 B.

Macnica is famous for having an excellent engineering team of more than 900 application support engineers, IC designers and software developers with strong focus on providing technical support for its customers including custom design services. Macnica is continuing to extend its presence globally by having successful partners in strategic areas in the electronics market.

More information about Macnica: https://www.macnica.com/global/en/home.html.

