

Press



RELEASES

PR-Nr. 11 – 02. December 2020

Greenliant Sampling Energy-Efficient DRAM-less NVMe M.2 2280 ArmourDrive™ SSDs for High-Performance Data Storage

Offered in Commercial and Industrial Temperatures to Meet Customer Needs

SANTA CLARA, CALIF. – NOVEMBER 02, 2020 - Greenliant has started sampling its DRAM-less NVMe M.2 2280 ArmourDrive™ solid state drive (SSD) modules to customers requiring data storage with fast access speeds, while using less power than other PCIe-interface SSDs. The new 88 PX Series NVMe M.2 2280 ArmourDrive SSDs use high-quality, industrial 3-bit-per-cell (TLC) 3D NAND flash memory and support a broad range of capacities from 128GB to 2TB. See NVMe M.2 ArmourDrive product information at <https://bit.ly/NVMe-M2-SSD>

Forward Insights predicts that the NVMe PCIe SSD market will grow from \$10.5B in 2019 to \$29.2B in 2024. To address this demand and diverse customer requirements, Greenliant has expanded its NVMe M.2 ArmourDrive portfolio to offer 2280 form factor SSDs both with and without on-board DRAM. The DRAM-less NVMe M.2 2280 ArmourDrive products support the PCIe Gen3x4 interface and can reach up to 2,500/2,100 MB/s sequential read/write performance.

Available in commercial (0 to +70 degrees Celsius) or industrial (-40 to +85 degrees Celsius) temperature, DRAM-less NVMe M.2 2280 ArmourDrive SSDs provide high reliability and low latency to a wide variety of applications, including industrial automation, cloud computing, security, networking, broadcasting and transportation.

Benefits of 88 PX Series DRAM-less NVMe M.2 2280 ArmourDrive SSDs include:

- High Performance: Reaches up to 2,500/2,100 MB/s read/write
- Energy Efficient: Active power consumption as low as 3,150 mW and 2 mW in a low-power idle mode



Press



RELEASES

- High Data Integrity: No data-at-rest corruption during power loss events
- Wide Range of Capacities: 128 GB, 256 GB, 512 GB, 1 TB, 2 TB
- Commercial and Industrial Temperature: Operates between 0°C to +70°C or -40°C to +85°C
- Host Memory Buffer (HMB) Support: Improves IOPS performance and reduces latency
- Data Security: Supports TCG OPAL 2.0 (I-temp) or Pyrite (C-temp)

Pricing and Availability

Greenliant is sampling commercial temperature DRAM-less NVMe M.2 2280 SSDs to customers now and expects to start shipping in volume production in December.

Greenliant plans to start sampling industrial temperature DRAM-less NVMe M.2 2280 SSDs in December with volume production expected in February 2021. For more information about 88 PX Series ArmourDrive products, please visit email:

sales.europe@macnica.com.

Contact:

Press

Macnica GmbH

Josef Sigl

Tel. +49-89-899143-11

Email: sales.europe@macnica.com

Sales

Macnica GmbH

Tel. +49-84188198-102

Email: sales.europe@macnica.com

About Greenliant

By leveraging more than 25 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 Hsin-chu. <https://www.greenliant.com>.

Greenliant, the Greenliant logo and EnduroSLC are trademarks of Greenliant. All other trademarks used herein are the property of their respective owners

MACNICA

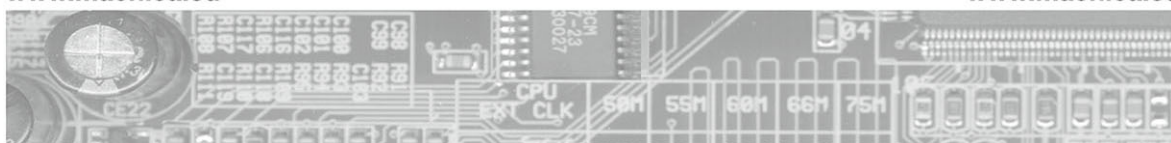
MACNICA GmbH, 85051 Ingolstadt

www.macnica.eu

MACNICA

MACNICA GmbH, 82110 Munich

www.macnica.eu



Press



RELEASES

About Macnica Europe GmbH

Macnica's European headquarter 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 its acquisition of the Munich based company Scantec Mikroelektronik in 2014 Macnica Europe formed a powerful semiconductor distribution with headquarters in Munich and Ingolstadt and numerous sales offices in Europe 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, Inc.

Macnica was established in 1972 as a semiconductor distribution company headquartered in Yokohama, Japan, and has over 84 sales offices worldwide in eastern Asia, Europe and the USA. Total number of employees is over 3,000 and its consolidated revenue for fiscal 2019 was approximately US\$ 5 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.

MACNICA

MACNICA GmbH, 85051 Ingolstadt

www.macnica.eu

MACNICA

MACNICA GmbH, 82110 Munich

www.macnica.eu

