

Company Contact:

Dror David, Chief Financial Officer

Tel: +972-73-229-5760

E-mail: investors@novami.com

[Nova Website Link - https://www.novami.com/](https://www.novami.com/)

Investor Relations Contact:

Miri Segal

MS-IR LLC

Tel: +917-607-8654

E-mail: msegal@ms-ir.com

Nova PRISM Selected by Additional Leading Global Manufacturer

Rehovot, Israel – September 13, 2021 – Nova (Nasdaq: NVMI) announced today that another top integrated circuits (IC) manufacturer recently selected the Nova PRISM platform for its 3D NAND advanced nodes.

The Nova PRISM was chosen following an extensive evaluation period due to its superior metrology performance in critical applications, enabled by the platform's spectral interferometry (SI) technology. The SI technology was proven to add an entirely new dimension of spectral information not accessible by the current traditional optical CD methods.

The unique combination of proprietary hardware and advanced software enables Nova PRISM to measure in die complex 3D NAND high aspect ratio structures, which are critical to the performance and yield of such devices while uniquely separating the complex layers.

"This major selection by one of the world's leading semiconductor manufacturers serves as further evidence of our innovative leadership and evolving position," stated Mr. Eitan Oppenheim, Nova's president and CEO. "Furthermore, this showcases the value we bring to our customers by combining innovative hardware technologies with advanced software capabilities to solve highly complex challenges in advanced nodes to assist our customers in shortening development cycles and time to market. We are very encouraged by the traction this platform is gaining with multiple leading customers and expect further evaluations to materialize during the next few quarters."

About Nova:

Nova is a leading innovator and key provider of metrology solutions for advanced process control used in semiconductor manufacturing. Nova delivers continuous innovation by providing state-of-the-art high-performance metrology solutions for effective process control throughout the semiconductor fabrication lifecycle. Nova's product portfolio, which combines high-precision hardware and cutting-edge software, provides its customers with deep insight into the development and production of the most advanced semiconductor devices. Nova's unique capability to deliver innovative X-ray and optical solutions enables its customers to improve performance, enhance product yields and accelerate time to market. Nova acts as a partner to

semiconductor manufacturers from its offices around the world. Additional information may be found at the [Nova Website Link -https://www.novami.com/](https://www.novami.com/).

Nova is traded on Nasdaq & TASE, Nasdaq ticker symbol NVMI.

Forward looking statement:

This press release contains forward-looking statements within the meaning of safe harbor provisions of the Private Securities Litigation Reform Act of 1995 relating to future events or our future performance, such as statements regarding, but not limited to, anticipated growth opportunities and projections about our business and its future revenues, expenses and profitability. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied in those forward-looking statements. Factors that may affect our results, performance, circumstances or achievements include, but are not limited to, the following: catastrophic events such as the outbreak of COVID-19; increased information technology security threats and sophisticated computer crime; foreign political and economic risks; changes in U.S. trade policies; inability to protect intellectual property; open source technology exposure; failure to compete effectively or to respond to the rapid technological changes; consolidation in our industry; difficulty to predict the length and strength of any downturn or expansion period of the market we target; factors that adversely affect the pricing and demand for our product lines; dependency on a small number of large customers; dependency on a single manufacturing facility per product line; dependency on a limited number of suppliers; lengthy sales cycle and customer delays in orders; political, economic, and military instability in Israel; risks related to our convertible notes; currency fluctuations; and quarterly fluctuations in our operating results. We cannot guarantee future results, levels of activity, performance or achievements. The matters discussed in this press release also involve risks and uncertainties summarized under the heading "Risk Factors" in Nova's Annual Report on Form 20-F for the year ended December 31, 2020 filed with the Securities and Exchange Commission on March 1, 2021. These factors are updated from time to time through the filing of reports and registration statements with the Securities and Exchange Commission. Nova Ltd. does not assume any obligation to update the forward-looking information contained in this press release.