Filed by Supernova Partners Acquisition Company II, Ltd. pursuant to Rule 425 under the Securities Act of 1933 and deemed filed pursuant to Rule 14a-12 under the Securities Exchange Act of 1934

Subject Company: Supernova Partners Acquisition Company II, Ltd. Commission File No. 001-40140 Date: February 23, 2022

Rigetti Computing Business Update Call Transcript and Presentation February 23, 2022

Chad Rigetti, CEO & Founder, Rigetti Computing:

Welcome and thank you for joining us today.

I'm Chad Rigetti, CEO and founder of Rigetti Computing. At Rigetti, we're on a mission to build the world's most powerful computers to help solve some of humanity's most important and pressing problems. Today, Rigetti is working towards this goal by collaborating with partners seeking to improve complex optimization problems in scheduling and supply chain logistics; to accelerate machine learning workflows in the cloud; and improve risk mitigation and optimization in financial services.

Rigetti's core business is quantum-computing-as-a-service. We help solve problems in the areas just mentioned by putting our quantum computers into the hands of scientists, engineers, and researchers in enterprise, government, and academia through our Quantum Cloud Services platform.

I'm excited to discuss our recent technical and partnership announcements, and how they fit into our overall vision for the industry and our path to quantum advantage.

Let's start with our core technology – which we believe will be the most critical factor shaping our success. Our near term focus is on achieving narrow quantum advantage, which means being capable of solving problems with improved speed, accuracy, or at a lower cost than classical computers.

We believe that reaching narrow quantum advantage requires quantum computers with capabilities in the areas of scale, speed, fidelity, reprogrammability, and co-processing. Rigetti has been a pioneer in building hybrid quantum-classical computing systems based on our proprietary superconducting quantum computers. Our quantum processors are universal, gate model machines. They use the hybrid quantum-classical co-processing architecture that we patented in 2014. This architecture is intrinsically reprogrammable. In recent years, our focus has been on increasing system scale, speed, and fidelity – and we have a lot to share about our recent progress in these areas.

Scale refers to the number of qubits available in a quantum processor. Quantum computers need to be able to encode and represent the complex, realworld problems that underpin today's computational challenges. We expect quantum advantage to require systems with between a few hundred to a few thousand physical qubits.

We recently introduced the first commercial multi-chip quantum processor, our 80-qubit Aspen-M. Last week, we announced that Aspen-M was commercially available directly to our customers and our partners.

Our 80-qubit system is the largest gate-model machine available on Amazon Web Services. In one example using publicly available benchmark data from the New York Stock Exchange, we performed a machine learning classification task designed to predict whether the stock market would close higher or lower the following day.

Results on both our 40-qubit and 80-qubit systems demonstrated quantum processing capabilities competitive with industry standard classical machine learning models.

We believe our multi-chip processor design will enable us to scale our quantum computers to reach the qubit counts needed for quantum advantage, and eventually, all the way to large-scale fault tolerant quantum computing systems.

Let me now turn to quantum processing speed. Speed is a critical consideration for building quantum computers that can solve practical problems. The speed with which quantum circuits can be executed translates directly into overall processing speed, workload throughput, and potential revenue per unit time in our cloud business model.

Last week, we announced new and exciting speed tests for our 80-qubit Aspen-M system using the CLOPS metric, which was a metric introduced by IBM last year as a way to characterize the overall speed of a quantum-classical computing system. Conducting tests based on 100 shots, Rigetti demonstrated a CLOPS score of 892 on our 80-qubit system. This is 18% faster than IBM's comparable 65-qubit system. For more information about how CLOPS is calculated and important disclaimers, please refer to the blog post on our Rigetti Technical Blog from last week.

Today's quantum computers are prone to errors, which can limit the size and complexity of problems they can solve. We believe that gate fidelities at or above 99% are a key capability needed for quantum advantage and broad commercialization.

We have steadily improved both the number of qubits and gate fidelities in our deployed quantum computers since our 16-qubit Aspen-1 was released in 2018. That progress continues with our recent 80-qubit system, which recorded higher median gate fidelities than the 40-qubit system we introduced last year. That 40-qubit system had a median two qubit fidelity of 96%. On the same metric, the 80-qubit Aspen-M-1 performs at 96.5%. Smaller sublattices on 80Q perform even higher. For example, 15-qubit lattices have fidelities above 98%.

To improve our fidelity even further towards and beyond the 99% level, we have been working over the past 2 years on next generation processor designs that incorporate technologies to significantly improve fidelities.

We recently announced internal results on this next-generation design showing two qubit fidelities as high as 99.5%. This result builds on engineering achievements from previous generations of processors, and it incorporates new advances in qubit designs and two-qubit gate methods from our ongoing research and development efforts.

Our ability to achieve fidelities above 99% is also important for another reason: This level of fidelity is widely believed to be the lower bound for running quantum error correction. We expect that quantum error correction will be required in eventually building large-scale fault-tolerant quantum computers capable of solving the broadest set of computational problems.

As we continue to execute on our quantum processor roadmap, we plan to incorporate this next-generation quantum processor design into our multi-chip architecture, bringing all of our advancements in scale, speed, and fidelity into future systems.

We believe these recent announcements further demonstrate that Rigetti is well positioned to usher in a new era of quantum computing that can meet the demanding requirements of industry and public sector customers.

From chip design and fab through to cloud delivery, Rigetti is a full-stack, vertically integrated company. We believe this vertical integration creates competitive advantages for our product offering. It also enables Rigetti to form partnerships with industry and government entities to work together to unlock the potential of quantum computing.

The benefit of this partnering strategy is two-fold: deep partnerships allow us to gain access to differentiated expertise and resources, well-positioning us to deliver to customers and partners what we believe to be a differentiated set of solutions as we work together to accelerate the path to quantum advantage.

Complementing our existing engagements focused on chip-level improvements, we recently announced new partnerships focused on our quantum cloud services platform and on end-user applications.

Hybrid quantum-classical computing has become the predominant quantum computing framework. This approach leverages quantum computers in tandem with classical chips and systems to solve the most challenging problems. We recently announced a strategic relationship with Ampere to advance this hybrid co-processing model. Our work with Ampere is expected to integrate our machines with Ampere's Altra Max processors to create a hybrid quantum-classical system specifically intended to meet the rigorous demands of machine learning applications. This collaboration with Ampere aims to accelerate the work Rigetti has already done in hybrid computing by bringing in a very strong classical chip partner into the mix, as we target the estimated \$16 billion market for machine learning hardware.

We also announced a new phase in our partnership with Zapata, with the goal to develop an industry-first compilation toolchain explicitly designed for hybrid quantum-classical algorithms. We expect this work to enable researchers to advance hybrid applications in quantum sampling and quantum machine learning. As part of the work, Zapata will integrate its Orquestra platform directly with Rigetti's Quantum Cloud Services, including with our recently announced 80-qubit Aspen-M.

Now I'd like to briefly touch on some of our exciting new and existing partnerships at the application level. Most recently, we announced a partnership with Nasdaq to pursue the development of algorithms and software with the goal of using hybrid quantum-classical computers to solve high-impact problems in the financial industry. The collaboration is expected to bring together Rigetti's scalable quantum processors and hybrid computing platform with Nasdaq's market perspective and domain expertise in the financial sector. Applications to potentially be explored include challenges in fraud detection, order matching, and risk management.

Last fall, we also announced a partnership with Deloitte and Strangeworks aimed to advance towards quantum advantage in areas such as quantum machine learning and optimization. Both Deloitte and Nasdaq will be leveraging Rigetti's 80-qubit Aspen-M system in these partnerships.

In addition to these, Rigetti has several full-stack engagements that span from chip through to applications.

One example is our role as the lead industry partner of the Superconducting Quantum Materials and Systems Center, led by the Department of Energy's Fermilab. This SQMS center is one of five United States Department of Energy national quantum centers. Through SQMS, Rigetti is collaborating with over 20 partner institutions from academia, industry, and government.

For example, Rigetti has been working closely with materials scientists to improve our quantum coherence times, and to understand sources of noise and error in our quantum chips. Under this program, Rigetti is leveraging its distinctive quantum chip manufacturing capabilities to fabricate devices and provide chips to support the Center's research and development goals.

I'd also like to highlight our recent selection for phase two of the DARPA ONISQ program. This program is focused on solving complex optimization problems, with potential national security and industry applications in route scheduling, strategic asset deployment, network optimization, and supply chain management. In the second phase of the program, Rigetti and our partners at NASA and USRA will continue to advance the scheduling application by leveraging our 80-qubit system to improve application performance and conduct benchmarking against classical computers. Last, Rigetti is leading a consortium focused on building and deploying a quantum computer in the United Kingdom. Under this program, we are working with industry and academic partners to accelerate applications in financial risk management and materials simulation, including advancing battery and solar cell technology.

As I mentioned in the outset, Rigetti's core business model is quantum computing as a service. In 2017, we became the second company in the world to provide access to a quantum computer over the cloud. Rigetti quantum computers have been available on AWS Braket since that service launched in 2019.

Recently, we announced an agreement to bring Rigetti quantum computers to Microsoft's Azure Quantum. We are very excited to be on the two biggest public clouds and for the reach this gives our quantum computing systems and our cloud platform.

Rigetti's progress in delivering quantum processors over the cloud, most recently with our 80-qubit Aspen-M; our improvements in scale, speed, and fidelity; and our partnerships to accelerate product development and hybrid quantum-classical computing give us tremendous confidence in our vision for the quantum industry and for the future of computing.

Pioneering the path to commercialization and striving to realize the potential of quantum computing to transform economies and improve lives, will be incredibly rewarding to those who steadfastly bring this vision to reality.

We believe that by helping to solve the toughest challenges in areas like climate and energy, healthcare, national security, finance, and logistics, quantum computing has the potential to have an enormous positive impact on societies and economies around the world.

We believe that the continuous progress that Rigetti is making is moving the quantum industry closer to realizing its potential impact in these areas. I'm extremely proud of the team at Rigetti, and excited to continue working with our customers and our extraordinary partners to bring quantum computing to the world.

Additional Information and Where to Find It

In connection with the previously announced proposed business combination between Rigetti Holdings, Inc. and Supernova Partners Acquisition Company II Ltd ("Supernova") (NYSE:SNID), Supernova has filed a registration statement on Form S-4 (as amended, the "Form S-4") with the SEC, which includes a proxy statement/prospectus, that is both the proxy statement to be distributed to holders of Supernova's ordinary shares in connection with its solicitation of proxies for the vote by Supernova's shareholders with respect to the proposed business combination and other matters as may be described in the registration statement, as well as the prospectus relating to the offer and sale of the securities to be issued in the business combination. Supernova has mailed a definitive proxy statement/prospectus and other relevant documents to its shareholders. This communication does not contain all the information that should be considered concerning the proposed business combination and other interested persons are advised to read the decision or any other decision in respect of the business combination. Supernova's shareholders and other interested persons are advised to read the definitive proxy statement/prospectus and other documents filed in connection with the proposed business combination, as these materials will contain important information about Rigetti, Supernova and the business combination. The Registration Statement was declared effective by the SEC on February 9, 2022 and the definitive proxy statement/prospectus and other relevant documents were mailed to shareholders of Supernova as of the record date established for voting on the proposed Business Combination and the other proposals regarding the Business Combination. Shareholders are able to obtain copies of the definitive proxy statement and other documents filed with the SEC, without charge, at the SEC's website at www.sec.gov, or by directing a request to Supernova's secretary at 4301 50th Street NW, Suite 300 PMB 1044, Washington, D.C. 20016, (202) 918-7050.

Participants in the Solicitation

Supernova and its directors and executive officers may be deemed participants in the solicitation of proxies from Supernova's shareholders with respect to the proposed business combination. A list of the names of those directors and executive officers and a description of their interests in Supernova is contained in Supernova's definitive proxy statement/prospectus, which was filed with the SEC and is available free of charge at the SEC's website at www.sec.gov. To the extent such holdings of Supernova's securities may have changed since that time, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC.

Rigetti and its directors and executive officers may also be deemed to be participants in the solicitation of proxies from the shareholders of Supernova in connection with the proposed business combination. A list of the names of such directors and executive officers and information regarding their interests in the proposed business combination is included in the proxy statement/prospectus for the proposed business combination.

No Offer or Solicitation

This communication does not constitute (i) a solicitation of a proxy, consent or authorization with respect to any securities or in respect of the proposed business combination or (ii) an offer to sell, a solicitation of an offer to buy, or a recommendation to purchase any security of Supernova, Rigetti, or any of their respective affiliates.

Forward-Looking Statements

Certain statements in this communication may be considered forward-looking statements. Forward-looking statements generally relate to future events and can be identified by terminology such as "pro forma", "may", "should", "could", "might", "plan", "possible", "project", "strive", "budget", "foreast", "expect", "intend", "will", "estimate", "anticipate", "believe", "predict", "protential" or "continue", or the negatives of these terms or variations of them or similar terminology. These forward-looking statements include, but are not limited to, statements relating to potential quantum computing applications to the financial services industry and Rigetti's related partnerships, including the potential development of algorithms and software that demonstrate the advantages of hybrid quantum-classical computers and solve problems; statements relating to the capabilities of Aspen-M, its future availability, the reliability of the CLOPS test, including potential deficiencies in, or in the application of, the test, customer experience replicating Rigetti's or competitors' test performance, expected collaborations, programs, partnerships and applications; statements with respect to entering into a new era of quantum advantage and ability to advance commercial application of quantum computing, including the ability to scale and encode real-world problems; statements relating to Rigetti's plans to deliver technology for Phase 2 of DARPA's ONISQ Program; statements relating to a respects of Rigetti's plans to deliver technology for Phase 2 of DARPA's ONISQ Program; statements relating to certain aspects of Rigetti's partnership with Zapata; statements relating to quantum computing applications to machine learning and related partnerships, including the potential discovery and deployment of high-performance machine learning algorithms, development of alcoud platform for machine learning and addressing problems of extreme computational complexity in areas like climate change, fusion energy, quantitative finance, drug develo

uncertain. Factors that may cause actual results to differ materially from current expectations include, but are not limited to: the outcome of any legal proceedings that may be instituted against Supernova, Rigetti, the combined company or others following the announcement of the business combination and any definitive agreements with respect thereto; the inability to complete the proposed business combination due to the failure to obtain approval of the shareholders of Supernova or to satisfy other conditions to closing; changes to the proposed structure of the business combination; the ability to meet stock exchange listing standards following the consummation of the business combination; the risk that the proposed business combination; the ability to recognize the anticipated benefits of the business combination, which may be affected by, among other things, competition, the ability of the company to grow and manage growth profitably, maintain relationships with customers and suppliers and retain its management and key employees; costs related to the business, crombination; the ability of the company to grow and manage growth profitably, maintain relationships with customers and suppliers and retain its management and key employees; costs related to the business, or competitive factors; Rigetti's estimates of expenses and profitability; the evolution of the markets in which Rigetti competes; the ability of Rigetti to execute on its technology roadmap; the ability of Rigetti to implement its strategic initiatives, expansion plans and continue to innovate its existing services; the impact of the COVID-19 pandemic on Rigetti's business; and other risks and uncertainties set forth in the section entitled "Risk Factors" and "Cautionary Note Regarding Forward-Looking Statements" in the

Nothing in this communication should be regarded as a representation by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. Neither Supernova nor Rigetti undertakes any duty to update these forward-looking statements.



Cautionary Notes

This presentation ("Presentation") is for informational purposes only. This Presentation shall not constitute an offer to sell, or the solicitation of an offer to buy, any securities, nor shall there be any sale of securities in any states or jurisdictions in which such offer, solicitation or sale would be unlawful. This Presentation has been prepared to assist interested parties in making their own evaluation with respect to a potential business combination between Rigetti & Co, Inc. ("Rigett") and Supernova Partners Acquisition Company II, Itd. ("Supernova") and the related transactions (the "Proposed Business Combination") and for no other purpose. These materials are exclusively for the use of the party or the parties to whom they have been provided by representatives of Rigetti and Supernova. By accepting these materials, the recipient acknowledges and agrees that he, she or it (a) will maintain the information and data contained herein in the strictest of contidence and will not, under any circumstances whatsoever, reproduce these materials, in whole or in part, or disclose any of the contents hereof or the information and data contained herein is ony other person without the prior written consent of Rigetti and Supernova, (b) is not subject to any contractual or other obligation to disclose these materials to any other person mythout the prior written consent of Rigetti and Supernova, and Rigetti and (a) will promova and Rigetti and Supernova, and their respective of any unauthorized release, disclosure or use of these materials or the information and data contained herein. Furthermore, all or a portion of the information contained in the stricts of supernova and their affiliates, and other parties that may be referred to in the context of those discussions. By your acceptance of this Presentation, you acknowledge that applicable securities laws restrict a person from purchasing or selling securities of a person with tradeable securities from communicating such information to any other person under circu

Certain information included herein describes or assumes the expected terms that will be included in the agreements to be entered into by the parties to the Proposed Business Combination. Such agreements are under negotiation and subject to change. The consummation of the Proposed Business Combination is also subject to other various risks and contingencies, including customary closing conditions. There can be no assurance that the Proposed Business Combination be consummated with the terms described herein or otherwise. As such, the subject matter of these materials is evolving and is subject to further change by Rigetti and Supernova in their joint and absolute discretion.

Neither the Securities and Exchange Commission nor any securities commission of any other U.S. or non-U.S. jurisdiction has approved or disapproved of the Proposed Business Combination presented herein, or determined that this Presentation is truthful or complete. No representations or warranties, express or implied, are given in, or in respect of, this Presentation. To the fullest extent permitted by Jaw in no circumstances will Supernova, Rigetti or any of their respective subsidiaries, stockholders, affiliates, representatives, directors, officers, employees, advisers or agents be responsible or liable for a direct, indirect, indirect profit arsing from the use of this Presentation, its contents, its omissions, reliance on the information contained within it, or on opinions communicated in relation thereto or otherwise arising in connection therewith.

Industry and market data used in this Presentation have been obtained from thich-party industry publications and sources as well as from research reports prepared for other purposes. Neither Supernova nor Rigetti has independently verified the data obtained from these sources and cannot assure you of the data's accuracy or completeness. This data is subject to change. In addition, this Presentation does not purport to be all-inclusive or to contain all of the information that may be required to make a full analysis of Rigetti or the Proposed Business Combination. Vewers of this Presentation should each make their own evaluation of Rigetti and of the relevance and adequacy of the information and should make such other investigations as they deem necessary. References in this Presentation to our "partners" or "partnerships" with technology companies, governmental entities, universities or others do not denote that our relationship with any such party is in a legal partnership form, but rather is a generic reference to our contractual relationship with such party.



2

Cautionary Notes (continued)

Additional Information and Where to Find It - Supernova has filed a registration statement on Form S-4 (as amended, the "Form S-4") with the SEC, which includes a proxy statement/prospectus, that is both the proxy statement to be distributed to holders of Supernova's ordinary shares in connection with its solicitation of proxies for the vote by Supernova's shareholders with respect to the proposed business combination and other matters as may be described in the registration statement, as well as the proxy statement/prospectus and other relevant documents to its shareholders. This communication does not contain all the information that should be considered concerning the proposed business combination. Supernova's shareholders and other interested persons are advised to form the basis of any investment decision or any other decision in respect of the business combination. Supernova's shareholders and other interested persons are advised to read the definitive proxy statement/prospectus and other documents filed in connection with the proposed business combination, as these materials will contain important information about Rigetti, Supernova do ther relevant documents filed to shareholders of Supernova as of the record date established for voting on the proposed Business Combination. Supernova as of the record date established for voting on the proposed Business Combination and the stee, without charge at the SEC's website at www.sec.gov, or by directing a request to Supernova's secretary at 4301 SOth Street NW, Suite 300 PMB 1044, Washington, D.C. 20016, (202) 1918-7050.

Participants in the Solicitation - Supernova and its directors and executive officers may be deemed participants in the solicitation of proxies from Supernova's shareholders with respect to the proposed business combination. A list of the names of those directors and executive officers and a description of their interests in Supernova's scatarent/prospectus, which was filed with the SEC and is available free of charge at the SEC's website at www.sec.gov. To the extent such holdings of Supernova's securities may have changed since that time, such changes have been or will be reflected on Statements of Change in Ownership on Form 4 filed with the SEC.

Rigetti and its directors and executive officers may also be deemed to be participants in the solicitation of proxies from the shareholders of Supernova in connection with the proposed business combination. A list of the names of such directors and executive officers and information regarding their interests in the proposed business combination is included in the proxy statement/prospectus for the proposed business combination.

No Offer or Solicitation - This communication does not constitute (i) a solicitation of a proxy, consent or authorization with respect to any securities or in respect of the proposed business combination or (ii) an offer to sell, a solicitation of an offer to buy, or a recommendation to purchase any security of Supernova, Rigetti, or any of their respective affiliates.

Use of Data - The data contained herein is derived from various internal and external sources. No representation is made as to the reasonableness of the assumptions made within or the accuracy or completeness of any projections or modeling or any other information contained herein. Any data on past performance or modeling contained herein is not an indication as to future performance. Supernova and Rigetti assume no obligation to update the information in this Presentation.

Trademarks - This Presentation contains trademarks, service marks, trade names and copyrights of other companies, which are property of their respective owners.

Cautionary Notes (continued)

Forward Looking Statements - Certain statements in this presentation may be considered forward-looking statements. Forward-looking statements generally relate to future events and can be identified by terminology such as "pro forma", "may", "should", "could", "might", "plan", "possible", "project", "strive", "budget", "forecast", "expect", "intend", "will", "estimate", "anticipate", "believe", "predict", "potential", "goal" or "continue", or the negatives of these terms or variations of them or similar terminology. These forward-looking statements include, but are not limited to, statements relating to Rigetti's plants to scale test devices to higher qubits and incorporate its new design into its modular chip architecture. Such forward-looking statements. These forward-looking statements, and other factors which could cause actual results to differ materially from those expressed or implied by such forward-looking statements. These forward-looking statements relating data guestits and ussumptions that, whill considered reasonable by Supernova and its management, and Rigetti and its modular chip architecture. Such forward-looking statements relating is charged structure of the business combination due to the failure to obtain approval of the business combination of any legal proceedings that may be instituted against Supernova, Rigetti, the combined company or theirs following the announcement of the business combination of the proposed business combination of the may be regulations to closing: charges to the proposed structure of the business combination of the thread on any definitive company to grow and manage growth profitably, maintain relationships with customers and suppliers and retain its management and key employees; costs related to the to subiness combination, the ability to consultable benefits of the business combination of the proposed business combination of the proposed business combination of the structure dorpany may be adversely affected by, among other things, competition, the ability of the

Nothing in this communication should be regarded as a representation by any person that the forward-looking statements set forth herein will be achieved or that any of the contemplated results of such forward-looking statements will be achieved. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. Neither Supernova nor Rigetti undertakes any duty to update these forward-looking statements other than as required by law.

Mission:

Build the world's most powerful computers to help solve humanity's most important and pressing problems.



Rigetti technology progress towards quantum advantage

Scale: First company to patent and produce a modular, multi-chip quantum architecture— demonstrated on our commercially available 80Q chip— to solve key scaling challenges.

Speed: Measured fast system speeds on 40-qubit and 80-qubit systems, according to the CLOPS metric.¹

Fidelity: Next generation 9-qubit test chip demonstrated two qubit fidelities as high as 99.5%, crossing what is believed to be a significant threshold for achieving commercial quantum computing.

Reprogrammability: Rigetti's superconducting, gate-based systems are general purpose machines that should be able to run any quantum algorithm, provided the machine has the scale, fidelity, and other attributes needed to support the particular problem instance.

Co-processing: Our systems leverage the patented hybrid quantum-classical architecture Rigetti has pioneered since 2014.

1 CLOPS is calculated as M × x > 5 / Lime taken where: M = number of templates = 100; K = number of abots = 10; 5 = number of shots = 100 (er 1000); and D = number of QU layers = 10g2 QV. To Rigett's knowledge, CLOPS as a speed text has a verified by any independent third particle about for the above formula in testing the speed of Aspen-M and Aspen-11, there is no guarantee that Rigett application the same ways a list Man d, as a result, any variability in the star base types of the specification application of the text as between Rigett. [IM or others in the industry that may apply CLOPS in the future could render CLOPS scores incomparable and a star leave the relative performance may materially differ from reported results. Other than BMA, data result are used to expect et st. As a result of a specification accuracy provided by quantum computer that may be perfeable to users if it provided by quantum computer that may be perfeable to users if it provided by quantum computers is another key fields and, consequently, any aboreflation accuracy provided by quantum computers another key fields relative performance may naterially differ from reported results. Other than BMA, others in the industry have not announced CLOPS is a speed text. As a result is applications. Moreover, the relative leads reflected by speed texts as newer for creatian applications. Moreover, the relative leads reflected by speed tests. Cure start CLOPS is the synt obs expected to change from time to time. Current (XDP) sets may not be sets.



Scale: World's first multi-chip quantum processor available on Rigetti QCS and AWS Braket

Aspen-M is the **world's first multi-chip quantum processor**, unlocking the path to scale.

The 80Q Aspen-M processor leverages Rigetti's **proprietary multi-chip technology** and is assembled from two 40-qubit chips.

Aspen-M is currently available directly on Rigetti Quantum Cloud Services and AWS Braket.

Rigetti expects Aspen-M to be available through Microsoft Azure Quantum, Strangeworks QC[™] and Zapata's Orquestra[™] platform in the coming months.



Speed: Rigetti demonstrates fast performance on CLOPS speed test



CLOPS¹, or circuit layer operations per second, characterizes quantum processing speeds inclusive of gate speeds, reprogrammability, and co-processing capabilities, among other factors.

1 CLOPS as calculated as 14 × 6 × 5 × 10 from balan where 0 femplants = 100, K + number of parameter updates = 10 ≤ 5 × number of shore 1 × 100 from 3 to motion of shore 1 × 100 form 3 to motion of shore 1 × 10



Fidelity: Rigetti measures gate fidelities as high as 99.5%

Next-generation chip architecture demonstrated fidelities that cross what is believed to be a key threshold for commercial quantum computing.

Internal measurements on next gen 9-qubit test device demonstrated **two qubit gate fidelities as high as 99.5%** and a median fidelity of 99.2%.

Once scaled, Rigetti intends to incorporate the new design into its proprietary modular chip architecture, with the goal of bringing together advancements in scalability, speed and fidelity.

Rigetti partners with Ampere to target ML market



The strategic partnership will focus on developing cloud-native hybrid quantum-classical computers with the goal of creating a hybrid computing environment intended to meet the rigorous demands of machine learning applications.

"We believe that Ampere and Rigetti will enable quantum computations of increased complexity, with the potential for higher performance at lower costs." - Renee James, Ampere founder & CEO

AMPERE



Rigetti and Zapata intend to build first commercial hybrid quantum-classical compilation stack for application development



Rigetti collaborates with Nasdaq











Risk Factors

Certain Bisks Related to Bigetti & Co, Inc. - All references to the "Company." "Rigetti," wer, "us" or "our" in this presentation refer to the business of Rigetti & Co, Inc. The risks presented below are certain of the general risks qualified in its entirety by disclosures contained in future filings by the Company, or by third parties (including speriova Partners Acquisition Co I. Ltd) with respect to the Company, with the United States Securities and Exchange Commission (SEC). These risks speak only as to the date of this presentation and we make no commitment to update such disclosure. The risks linghighted in future filings with the SEC may differ significantly from and will be more extensive than those presented below.

- · Rigetti is in its early stages and has a limited operating history, which makes it difficult to forecast its future

- Rigetti si ni tse anty stages and has a limited operating history, which makes it difficult to forecast its future results of operations.
 Rigetti si ni tse anty stages and has a limited operating history, which makes it difficult to forecast its future field before and the substantial doubt about Rigetti Sality to continue as a going concern fit does not receive additional financing captal in a timely manner.
 Rigetti any not be able to scale its business signify enough to meet customer and market demand, which could result in lower proffability or cause it to fail to execute on its business strategies.
 Even if the market in which Rigetti competer ad-hives the forecasted growth, its business could fail to grow at similar rates, if at all.
 Rigetti any namet in which Rigetti competer ad-hives the forecasted growth, its business sould fail to grow at similar rates, if at all.
 Rigetti any namet in which Rigetti competer ad-hives the forecasted growth, its business sould all to grow at similar rates, if at all.
 Rigetti any namet in which Rigetti competer ad-hives the forecasted growth, its business strategies.
 Rigetti angetti and the similed insight into customer demand, pricing models and price sensitivities which its forecaster leade be business operating and financial results forecast relies in large part upon assumptions or analyses developed by it. Rigett and results log sources business models and accurately forecast growth. If these assumptions or analyses prove to be incorrect, its actual operating and financing the audibional financing will be parallels business operational complexes, and Rigetti cannot be sure that additional functing will be audibional for the ownership changes.
 Rigetti and to produce quantum computers, including the need to invert and faces significant barriers in its attempts to produce quantum computers in locus art youlnes and faces significant barretions of advances, an

- ted rought in Refer Lamos successing overcome used annes, is so barnes with or ingraver impacts Rigestis future generations of hardware developed to demonstrate narrow quantum advantage and broad quartum advantage, and the release of a 1,000- qubit system and 4,000- qubit system, each of which is an important mission for Rigetts technical roadmap and commercillatation, may not occur on Rigetts' anticipated timeline or at all. The quantum computing industry is competitive on a global scale and Rigetti may not be successful in competing in this industry or establishing and maintaining confidence in its long-term business prospects among current and loture parties and customers. relationship with its cloud providers. There are no assurances that Rigetti will be able to broadly commercialize quantum computers.

18

- <list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item><list-item>

- - rigetti

Risk Factors (continued)

- Rigett's international sales and operations subject it to additional risks and costs, including the ability to engage with customers in new geographies, exposure to foreign currency exchange rate fluctuations, that can adversely affect its business, financial condition, revenues, results of operations or cash flows.
 Rigett's input computing systems may not be compatible with some or all industry-standard software and hardware in the future, which could harm its business.
 Rigett's input on the future, which could harm its business.
 Rigett's operations, which may damage its reputation and adversely affect its business.
 Undivorable conditions in Rigett's operations, which may damage its reputation and adversely affect its business.
 Undivorable conditions in Rigett's industry or the global economy, could limit Rigett's ability to obtain products from its suppliers or sell its products and starkegic partnerships could disrupt Rigett's business and negatively affect its results of operations.
 Government actions and regulations, such as tariffs and trade protection measures, may limit Rigett's ability to obtain products from its suppliers or sell its products and services to customers.
 Acquisitions, divestiture, strategic investments and strategic partnerships could disrupt Rigett's business and harm its financial condition and operating results.
 Rigetti have been, and may in the future be, adversely affected by the global COVID-19 pandemic, its various strains or future pandemics.
 State, feedral and foreign laws and regulations related to privacy, data use and security could adversely affect Rigett.
 State, test and and foreign laws and regulations related to privacy, data use and security could adversely affect Rigett.
 Rigetti Sis all and foreign laws and regulations related to privacy, data use and security could adversely affect Rigett.

- Rigetti. Rigetti subject to U.S. and foreign anti-corruption, anti-bribery and similar laws, and non-compliance with such laws can subject to oriminal or civil liability and harm its business. Rigetti is subject to governmental export and import controls that could impair its ability to compete in international markets due to licensing requirements and subject it to liability if it is not in compliance with applicable laws. Rigetti subsiness is exposed to risks associated with litigation, investigations and regulatory proceedings.

19

- Rigetti may become subject to product liability claims, which could harm its financial condition and liquidity if it is not able to successfully defend or insure against such claims.
 Rigetti is subject to requirements relating to environmental and safety regulations and environmental remediation matters which could adversely affect its business; results of operation and reputation.
 Rigetti is subject to requirements relating to environmental property rights could impair Rigettr's ability to protect and commercialize its proprietary products and technology and cause Rigetti to loss lices competitive advantage.
 Rigetti may face patent infringement and other intellectual property claims that could be costly to defend, result in injunctions and significant damage awards on limit is ability to use certain key technologies in the future all of which could result in a significant expenditure and otherwise harm its business.
 Rigetti relies in cretain opersource software in its quantum systems. If licensing terms change, Rigett's business may be adversely affected.
 Some of Rigetti intellectual property has been or may be conceived or developed through government/unded resarch and thus may be subject to federal regulations providing for certain rights for the U.S. government or imposing certain obligations on its such as a license to the U.S. government under subilect user in blegtery, "march-in" rights, certain reporting requirements and a preference for U.S-based companies, and compliance with such regulations may limit its exclusive rights and its ability to contract with non-U.S. manufacturers.