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04th September, 2024

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street
Mumbai - 400 001

National Stock Exchange of India Limited
Exchange Plaza, 5th Floor,
Plot No. C-1, Block G,
Bandra-Kurla Complex, Bandra (E),
Mumbai - 400 051

Scrip Code: 532662

Trading Symbol: HTMEDIA

Sub: Newspaper Advertisement- Regulation 30 and 47 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 ('SEBI LODR')

Re: 22nd (Twenty second) Annual General Meeting ('AGM') of the Company via video conferencing/ other audio-visual means('VC/OAVM')

Dear Sir/Madam,

Please find enclosed herewith copy of relevant page of "Mint" (English) and "Hindustan" (Hindi) newspapers published on 04th September, 2024, giving details, inter-alia, about the:

1. Completion of dispatch of Annual Report for the Financial Year 2023-24 and Notice convening the 22nd AGM of the Company to be held on Friday, 27th September, 2024 via VC/OAVM; and
2. Other relevant information as required to be given to Members in terms of Companies Act, 2013 and SEBI LODR including Circular(s) issued by Ministry of Corporate Affairs and Securities and Exchange Board of India.

This is for your information and record.

Thanking you,

Yours faithfully,
For **HT Media Limited**



(Manhar Kapoor)
Group General Counsel & Company Secretary

Encl: As above

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Microsoft rolled out AI PCs that can't play top games—and there's no quick fix

Chips inside the laptops are incompatible with many leading titles, resulting in bugs, glitches or games simply not working

Yang Jie feedback@livemint.com

The latest Windows personal computers with artificial-intelligence features have "the best specs" on "all the benchmarks," Microsoft Chief Executive Satya Nadella recently said. There is one problem: The chips inside current models are incompatible with many leading videogames.

THE WALL STREET JOURNAL

Microsoft and its partners this spring rolled out Copilot+ PCs that include functions such as creating AI-generated pictures and video. Under the hood of the new laptops is a hardware change. Instead of Intel or AMD processors, the initial Copilot+ PCs to hit the market use Qualcomm chips, which in turn rely on designs from U.K.-based Arm.

glitches or games simply not working.

The problem is widespread. About 1,300 PC games have been independently tested to see if they work on Microsoft's new Arm-powered PCs and only about half ran smoothly, said James McWhirter, an analyst with research firm Omdia. He cited an independent website recommended by Microsoft to check compatibility. Many other less-popular games haven't been tested.

Gamers are power users of PCs, accounting for about 15% of laptop users and tens of billions of dollars in business each year, said Henry Chang, an analyst with Taiwan-based research firm Digitimes.

Microsoft confirmed that some games may not play on Copilot+ PCs, including certain titles with demanding graphics requirements. It said it was "committed to making a quality gaming experience" on the PCs but for now, "players who want a high-performance native gaming experience may choose an alternate PC optimized for gaming."

Qualcomm had a similar comment, saying the type of chip powering the new AI PCs "is not currently considered a gaming platform" but that it was working with partners to improve the situation.

The companies said many games already work with Copilot+



Gamers are power users of PCs, accounting for 15% of laptop users & billions of dollars in business per year. BLOOMBERG

PCs without requiring a translation layer. Speaking at an industry event in June, Qualcomm Chief Executive Cristiano Amon mentioned titles such as "Baldur's Gate 3," a fantasy role-playing game. However, Amon spent less than two minutes speaking about videogames near the end of his hour-long speech.

One frequent cause of problems is the software built into some

games to prevent cheating—an essential feature added to titles such as "Fortnite" and "League of Legends." Even if the game itself can be translated to run on Arm, the anti-cheating software may be incompatible.

Qualcomm said it was working with makers of anti-cheating software to optimize their code for better compatibility, and Epic Games, the publisher of "Fortnite,"

said it was discussing the anti-cheating software issue with Qualcomm.

Analysts said the problem can't be fixed with a quick software patch because of the fundamental structure of the current Arm-Qualcomm chips.

Videogame players who want to enjoy the AI features of Microsoft's latest PCs are likely to get satisfaction eventually, industry analysts

say, but it will take some time.

Intel aims to introduce its own chips for PCs with Copilot+ AI functions in September, and computer makers expect widespread sales of those Intel-powered models next year. At that point, gamers could purchase one of the Intel devices and avoid the Qualcomm-Arm issue.

Larry Xie, a 39-year-old gamer in Shanghai, said he would wait for Intel. He said he doubted serious gamers would consider PCs powered by Arm because they mainly want a powerful graphics-processing unit, "an area where Arm has no advantage at all."

Jesse Zmick, a 34-year-old cybersecurity professional in Charlottesville, Va., said he wouldn't buy an Arm-powered device because he was concerned he wouldn't be able to play some of his favorite games such as "Dead by Daylight," a survival-horror title, and "Rising Storm 2," a shooter game.

Zmick said friends have gotten kicked out of online matches when they tried to use additional software to play on Arm computers.

In addition to games, some users have reported compatibility problems with other types of software on the new Windows PCs, and Microsoft offers a compatibility tester.

The performance and compati-

bility issues with Arm-based chips aren't new.

In 2012, Microsoft released Windows RT, a version of the operating system designed for Arm-based processors. It never caught on because it could run only software specifically built for Arm, leaving behind decades of existing Windows software. Microsoft gave up after several years.

Apple's Mac series of computers is built on Arm chip designs and has also long struggled to win over game developers, though Macs enjoy a loyal following among non-gamers.

Games are just one part of the bigger struggle to control the insides of Windows PCs, with the upstart Qualcomm-Arm team squaring off against more experienced Intel. Digitimes' Chang said he expected the coming Intel chips for Windows AI PCs to take the lion's share of the global market in the near term, in part because of their compatibility advantage.

Nonetheless, he said that based on current tests and reviews, the new AI PCs running Windows on Qualcomm-Arm chips offer longer battery life and faster processing in many cases. Qualcomm said its chips delivered "exceptional performance" and allowed PC makers to build thinner and lighter machines.

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HT Media Limited
Registered Office: Hindustan Times House, 18-20, Kasturba Gandhi Marg, New Delhi- 110 001

NOTICE OF 22nd ANNUAL GENERAL MEETING OF HT MEDIA LIMITED
In furtherance to our Notice published in the newspapers viz. Mint (All editions) and Hindustan (Delhi NCR edition) on August 23rd, 2024 regarding the 22nd Annual General Meeting ('AGM') of HT Media Limited ('Company')

DELHI DEVELOPMENT AUTHORITY
PUBLIC NOTICE
Sealed EO is invited for "Empanelment of Private Testing Laboratories in DDA" from laboratories of repute whose registered office as well as lab is situated in National Capital Territory of Delhi.

कार्यालय अधिशाषी अभियंता, राज. राज्य कृषि विभाग नई दिल्ली, किसान भवन गालकोटी ब्लाक-दिल्ली नगर, जयपुर
अल्पकालीन विड आमंत्रण सूचना संख्या 03/2024-25

जयपुर जिला दूध उत्पादक सहकारी संघ लि., जयपुर
निविदा / ई-निविदा सूचना
NIB CODE-CPD2425A0370 जयपुर दूध संघ में 5 लीटर प्रतिघन किलो ग्राम पैकिंग मिलक/छाछ/लसी, साइड्रिक एमिड व देही का 100, 200 व 400 GM इत्यादि की आपूर्ति हेतु निविदा ई-निविदा (https://eproc.rajjasthan.gov.in) पर आमंत्रित की जाती है।

ग्रेटर नोएडा औद्योगिक विकास प्राधिकरण
पत्रांक: वर030/ई-निविदा सेल/2024/525ए दिनांक: 03 सितम्बर, 2024
ई-निविदा आमंत्रण सूचना
महाप्रबन्धक (अभियन्तण) ग्रेटर नोएडा औद्योगिक विकास प्राधिकरण द्वारा मुख्य कार्यपालक अधिकारी, ग्रेटर नोएडा की ओर से ई-निविदा आमंत्रण सूचना संख्या-वर030/ई-निविदा सेल/2024/525 दिनांक 03/09/2024 के माध्यम से उल्लिखित क्रम संख्या-01 से 08 तक के कार्य की ई-निविदा आमंत्रित की जाती है।

कार्य का नाम/वर्क सॉफ्टवेयर अनुमानित लागत
1. ग्राम हबीजपुर में प्ले ग्राउण्ड का विकास कार्य। (वर्क सॉफ्टवेयर-3) ₹ 15.19 लाख
2. ग्राम डारवा में रोप विकास कार्य (वर्क सॉफ्टवेयर-7) ₹ 62.16 लाख
3. सेक्टर-3 में सामुदायिक केन्द्र का निर्माण एवं विकास कार्य। ₹ 169.74 लाख

Nvidia takes an added role amid AI craze: Data-center designer

Asa Fitch feedback@livemint.com

Nvidia dominates the chips at the center of the artificial-intelligence boom. It wants to conquer almost everything else that makes those chips tick, too.

Chief Executive Jensen Huang is increasingly broadening his company's focus—and seeking to widen its advantage over competitors—by offering software, data-center design services and networking technology in addition to its powerful silicon brains.

He is trying to build Nvidia into more than a supplier of a valuable hardware component: a one-stop shop for all the key elements in the data centers where tools like OpenAI's ChatGPT are created and deployed, or what he calls "AI factories."

Huang emphasized Nvidia's growing prowess at data-center design following an earnings report Wednesday that exceeded Wall Street forecasts.

The report came days after rival Advanced Micro Devices agreed to pay nearly \$5 billion to buy data-center design and manufacturing company ZT Systems to try to gain ground on Nvidia.

"We have the ability fairly uniquely to integrate to design an AI factory because we have all the parts," Huang said in a call with analysts. "It's not possible to come up with a new AI factory every year unless you have all the parts."

It is a strategy designed to extend the business success that has made Nvidia one of the world's most valuable companies—and to insulate it from rivals eager to eat into its AI-chip market share, estimated at more than 80%. Gobbling up more of the value in AI data centers both adds revenue and makes its offerings stickier for customers.

Nvidia is building on the effectiveness of its 17-year-old proprietary software, called CUDA, which enables programmers to use its chips.



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More recently, Huang has been pushing resources into a superfast networking protocol called InfiniBand, after acquiring the technology's main equipment maker, Mellanox Technologies, five years ago for nearly \$7 billion. Analysts estimate that InfiniBand is used in most AI-training deployments.

Nvidia is also building a business that supplies AI-optimized Ethernet, a form of networking widely used in traditional data centers. The Ethernet business is expected to generate billions of dollars in revenue within a year, Chief Financial Officer Colette Kress said Wednesday.

More broadly, Nvidia sells products including central processors and networking chips for a range of other data-center equipment that is fine-tuned to work seamlessly together. And it offers software and hardware setups catered to the needs of specific industries such as healthcare and robotics.

"He has verticalized the company," Raul Martynek, CEO of data-center operator DataBank said of Huang's strategy. "They have a vision around what AI should be, what software and hardware components are needed to

make it so users can actually deploy it."

Competition is growing Nvidia's competitors are responding. The Advanced Micro Devices deal to buy ZT Systems is fundamentally about gaining skills in how data centers are built. AMD plans to sell regulatory hurdles that have sprung up for many companies in the past that have come to dominate a market and extend their influence in it.

The company is under scrutiny for its market practices in Europe, and its offices in France were raided this past year, although no charges have been brought against the company there.

On Wednesday, Huang described Nvidia's role as one of a coordinator and designer that could give guidance on how to set up complex AI infrastructure, but he emphasized that Nvidia isn't going to do everything.

With its next-generation Blackwell AI chips, set to ship out late this year or early next year, it is offering a design for an entire rack of computing equipment for the first time—a cabinet about 2 feet wide and 6 feet high. But Nvidia itself won't make them.

"We know how to design the AI infrastructure, provide it the way that customers would like it and let the ecosystem integrate it," Huang said. ©2024 DOW JONES & CO. INC.

Date: September 03, 2024 Place: New Delhi For HT Media Limited Manhar Kapoor (Group General Counsel & Company Secretary)

