quick scroll

Huawei to launch two new AI semiconductors in 2027



Huawei Technologies will launch two new artificial-intelligence (AI) semiconductors in 2027, rotating chairman David Wang said on Thursday, as it builds up its AI computing business and seeks to challenge US chipmaker Nvidia. Huawei plans to launch the 960DT in the first quarter of 2027 and the Ascend 960PR in the third quarter, Wang said. It is also working on ways to connect very large numbers of AI chips, allowing them to work together as one bigger computing system. Most advanced AI programmes require more processing power than a single chip can provide. REUTERS

HCLTech launches new business unit for mid-sized companies

HCLTech has launched HCLTech Pulse, a dedicated business unit focused on helping enterprises with annual revenues between $500 million and $5 billion, to safely scale up AI and modernise their technology foundations. HCLTech Pulse is designed for organisations with enterprise-scale ambitions that have historically had to stitch together niche providers across strategy, platforms, implementation and operations. It helps clients move beyond isolated AI initiatives by connecting AI strategy, data, cyber, platforms, engineering and business-process transformation into a single, integrated transformation agenda. OUR BUREAU

Biggest opportunity lies in making AI operational across enterprises: Coforge CEO

AVIK DAS
Bengaluru, 17 September



Sudhir Singh, CEO and Executive Director, Coforge

Coforge chief executive officer (CEO) and executive director Sudhir Singh said information technology (IT) services companies have the opportunity to bridge the gap between artificial intelligence (AI) adoption and operationalising it within enterprises even as the technology puts pressure on the traditional businesses.

"The industry needs to find the next wave of value creation and adopting and operationalising AI is the single biggest opportunity," he said at an analyst event on Thursday. "The industry is at an inflection point, world class AI is not downloadable and it is approaching zero costs even as models are becoming utility. This is creating AI deflationary squeeze in the tech services sector as software, knowledge work and effort-based services become cheap," he added.

All IT services companies have felt this pressure for some years now.

Semicon giants see India pull up a seat at global chip table

Fabs, advanced packaging, power electronics emerge as key growth areas

UDISHA SRIVASTAV
New Delhi, 17 September



Prime Minister Narendra Modi greets a gathering at Semicon India 2026, in New Delhi on Thursday PHOTO: PTI

India's push to build a domestic semiconductor industry is drawing interest from global chip companies, whose representatives highlighted the country's manufacturing ambitions, engineering talent, and expanding technology ecosystem as opportunities for the global chip industry.

Speaking at Semicon India, being held from September 17 to 19 in New Delhi, the executives pointed to artificial intelligence (AI), data centres, power electronics, advanced packaging, and fabrication (fab) as areas where the country could play a larger role in the global semiconductor supply chain.

Wayne Allan, chief strategic sourcing and procurement officer at ASML, estimated that India's semiconductor market could reach $110-120 billion by 2030, while stressing that meeting the country's localisation ambitions would require multiple fabs and a much broader supporting ecosystem.

For ASML, the immediate opportunity is tied to Tata Electronics' planned 300-millimetre (12-inch) semiconductor fab in Dholera, Gujarat, for which a strategic partnership was announced in May this year.

"We're here to support that and make sure that Tata is successful, so many more fabs will be built in India. We believe that there's a huge opportunity for India to be a big part of this growth and also to take its place as a semiconductor powerhouse," Allan said. ASML expects Tata's facility to be operational around 2028.

Highlighting confidence in India's ambitions and progress in the semiconductor sector, Jochen Hanebeck, chief executive officer of Infineon Technologies, said the rapid expansion of data centres was creating demand not only for computing chips but also for technologies that generate, transmit, store, and efficiently deliver electricity.

In his keynote address, Hanebeck pointed to opportunities in renewable energy, battery storage, solid-state transformers, high-voltage direct current systems, and power conversion inside data centres. "There is no compute without power, and we take care from grid to core."

Meanwhile, Srinivasan Iyengar, senior vice-president and general manager of Intel's central engineering group, said the company had operated in India for more than four decades and saw the country's engineering talent and startup ecosystem as important components of its future growth.

"The most important thing is a trusted partnership. With India at the forefront, and India going from what I would call good to great, that part of the journey is amazing, propelling through the vision of semiconductors and making semiconductors the new buzzword," Iyengar said.

Tata Electronics chips in with global, Indian players

UDISHA SRIVASTAV
New Delhi, 17 September

Tata Electronics on Thursday announced a series of strategic partnerships with global semiconductor companies and Indian institutions. These partnerships range from materials and wafer manufacturing to advanced packaging, chip design, supply-chain localisation, and workforce development.

The memoranda of understanding signed on the sidelines of Semicon India 2026, include collaborations with Nexperia, Fujifilm Holdings Corporation, BE Semiconductor Industries (Besi), Semi-Conductor Laboratory (SCL), and Gati Shakti Vishwavidyalaya.

Under its partnership with Nexperia, Tata Electronics will collaborate across front-end wafer fabrication (fab), back-end assembly and test, and technology and ecosystem development. As part of the front-end collaboration, the companies are laying the groundwork for manufacturing Nexperia's MOSFET (metallic oxide semiconductor field-effect transistor) portfolio at Tata Electronics' upcoming 300-millimetre/mm (12-inch) semiconductor fab in Dholera, Gujarat.

The Nexperia-Tata Electronics partnership will also cover the assembly and testing of Nexperia's discrete semiconductor products at Tata Electronics' semiconductor packaging facility in Jagiroad, Assam.

Separately, Tata Electronics has signed an MoU with Fujifilm to accelerate the development of the country's semiconductor material ecosystem. Under the agreement, Fujifilm will use its global expertise to develop and supply advanced semiconductor materials tailored to the requirements of Tata Electronics' upcoming Dholera fab. Fujifilm also plans to invest roughly ₹800 crore (around $83 million) in phases to establish a semiconductor material plant in the Dholera Special Investment Region.

In the packaging domain, Tata Electronics has entered into an MoU with Dutch semiconductor assembly solutions provider Besi to strengthen advanced packaging capabilities in India. Tata Electronics is investing $3 billion in its Jagiroad facility. Under the collaboration, the firm will leverage Besi's advanced packaging equipment and technologies.

Tata Electronics has signed an MoU with SCL for strategic cooperation aimed at advancing semiconductor indigenisation.

More on business-standard.com

India important hub for semicon manufacturing, says Meity secretary

UDISHA SRIVASTAV
New Delhi, 17 September



S Krishnan, secretary of the Ministry of Electronics and Information Technology

India is one of the significant countries for semiconductor manufacturing and design, said S Krishnan, secretary of the Ministry of Electronics and Information Technology (MeitY), on Thursday.

While delivering a keynote address on the inaugural day of Semicon India 2026, Krishnan said, "We have truly arrived in the semiconductor space and we are at a position where India is one of the important countries for the future of semiconductor manufacture, in addition to being one of the (significant) countries for semiconductor design."

Krishnan added that India is also emerging as a major market for semiconductors.

"Given the size of India's population, we are truly at an inflection stage in terms of potential and possible consumption expenditures. You will see that consumption of a lot of electronic products using semiconductor chips is bound to go up. For a country this size, it cannot afford to be entirely dependent on manufacturing something as vital as semiconductors."

Highlighting the concerns arising from the geopolitical crisis, Krishnan said, "Diversification of global value chains and building resilience is today as much an objective for anybody in the world as is making sure that you get products at competitive prices. One of the essential elements of competitiveness today is also resilience."

On the need for collaboration within the ecosystem, Krishnan said the Centre is closely working with all the states in the country, which are potentially places where the investments can take place. "Many of them have also promised that they will be in a position to provide at least about 50 per cent of what the government of India provides as its assistance, incentive for establishing (semicon) facilities."

KAS group seeks govt support for R&D

Semiconductor equipment makers need greater government support for research and development (R&D), including incentives for developing tools, locally, said senior executive from KAS Technologies at Semicon India 2026. "There are certain actions that can be further supported by the government like there should be more equipment R&D incentives that should be executed," said Kunal Singh Bisht, manager, equipment development, at KAS Technologies. AKSHAT AYUSH

Industry leaders flag need for process, product engineers

Industry representatives highlighted the need for an experienced talent pool in the country's semiconductor ecosystem while discussing the push towards advanced packaging at Semicon 2026 in New Delhi. Speaking at a roundtable on advanced packaging, industry representatives cited sustained reliance on imported engineers and the need to improve the nation's STEM education even as they acknowledged India's lead in design engineers. SHUBHAM KUMAR

PAFI
13th ANNUAL FORUM 2026
INDIA 3.0 - Engaging for Growth in a Disrupted World
IDEAS | INSIGHTS | IMPACT
24 - 25 SEPTEMBER 2026
NEW DELHI

GOVERNMENT OF ANDHRA PRADESH
सत्यमेव जयते

PARTNER STATE

ANDHRA PRADESH

SwarnaAndhra@2047



Nara Lokesh
Minister for Information Technology, Electronics and Communications
Minister of Real Time Governance
Minister of Human Resources Development
Government of Andhra Pradesh

ANDHRA PRADESH'S GROWTH STRATEGY IS POWERED BY:

DATA-DRIVEN GOVERNANCE
and timely policy reforms

PIONEERING HUMAN CAPACITY BUILDING
most notably through India's first comprehensive "Skill Census" and a robust hub-and-spoke Innovation Hub network.

THE NOVEL 'P4 MODEL'
Public - Private - People - Partnership for zero poverty

THE 'ONE FAMILY, ONE ENTREPRENEUR' INITIATIVE
for MSMEs, actively proving that grassroot economic inclusion and global competitiveness can scale together.

Public Affairs Forum of India (PAFI)
pafievents@pafi.in | www.pafi.in