

What to Expect at Embedded World 2026



Embedded World 2026 will bring together the global embedded community in Nuremberg, Germany, on 10 - 12 March. It will serve as a focal point for innovation and collaboration, and showcase the latest advancements across the entire embedded ecosystem.

Alongside the Embedded World Conference, the Electronic Displays Conference will dive deep into the latest display technologies, supply chain trends, and market insights.

What are the key themes and technology developments to watch out for at this year's show? Omdia's analysts share their perspectives, helping you focus on what will shape the future of your industry.

Automotive



The story of 2026 has been the explosive growth of Physical AI—at Embedded World, I'll be looking to see the number of joined-up solutions across both mobility and automation, and testing how sharp and strong the necessary silicon infrastructure to power the Physical AI revolution is today.

Edward Wilford, Senior Research Director, Automotive

Displays



Embedded display selection will remain application-driven at Embedded World. While industrial applications such as HMI still demand long-term supply stability, emerging technologies are enabling higher performance, improved reliability, and new use cases. These include 3D displays, LTPS and miniLED backlights for medical applications, RGBW displays for two-wheel vehicles, and a growing focus on low-power, low-carbon solutions.

TzuYu Huang, Principal Analyst, Industrial and Public Display & OEM Supply Chain

Semiconductors



Expect three threads at Embedded World 2026: AI inference permeating devices from drives to tiny nodes; security driven by the Cyber Resilience Act and post-quantum roadmaps; and software-defined, lifecycle-managed platforms where compute, connectivity and power are delivered as scalable building blocks for robots, factories and critical infrastructure across global industries.

Saloni Gankar, Senior Analyst, Industrial Semiconductors

Want to explore any of these insights further at the show? Book your analyst meeting today.

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