

## EMBEDDED MEMORY & STORAGE FEATURE

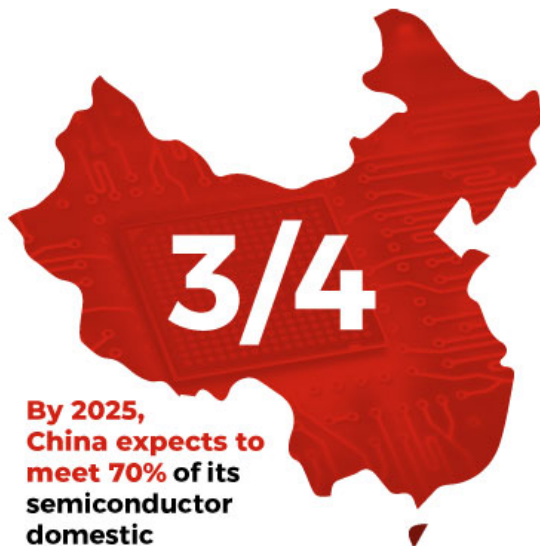
### **5 Key Flash Memory Market Takeaways for 2020-2025**

By 2020, the memory market is predicted to reach approximately US\$170 billion. NAND and DRAM is set to account for 97% of this market, driving the growth of the semiconductor industry, and representing 30-35% of the revenue of the top semiconductor companies globally.

With such a promising outlook, here are five key factors to consider:

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# 5 KEY FLASH MEMORY MARKET THEMES FOR 2020-2025



**By 2025, China expects to meet 70% of its semiconductor domestic demand.**



**Demand from less seasonal markets and changes to OEM purchasing habits mean a more stable flash memory market**



**What to look for when assessing a flash memory vendor:**

- Application workloads
- Ability to deliver
- Business model (fabless or not)
- Quality processes
- Supply chain members

**CAGR  
2019-2024**

**4%**

**The revenues for NAND flash are expected to grow at a compound annual growth rate of 4% during the next five years.**

**Rising technologies are increasing data storage memory requirements, while also allowing more data to be generated and shared.**



**Automotive**



**Artificial intelligence**



**5G**



**E-sports**

**TUXERA** Make it work.

References Tuxera (internal) | Gartner Says Four Chinese OEMs Were Among the Top 10 Global Semiconductor Customers in 2018. Gartner. (February 2019). | Semiconductors – the Next Wave: Opportunities and winning strategies for semiconductor companies. Deloitte. (April 2019). | Status of the Memory Industry 2019. Yole Développement. (2019).

## **Vecow 10GigE PoE+ Solutions Makes Real-time AIoT Applications Possible**

Vecow Co., Ltd announced the 4-port 10GigE Power over Ethernet (PoE+) solution, the PE-5000 Series Frame Grabber including PE-5004 and PE-5002.

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### ADVERTISEMENT

Digital Power Plug-In Module In Stock at Mouser.

**Microchip MA330048 Digital Power Plug-In Module** is a demonstration board along with different power boards, showcases the Microchip dsPIC33CK256MP506 16-bit Digital Signal Controller (DSC) features.

Sponsored by **Mouser Electronics**

### EMBEDDED PROCESSING NEWS

## **Semtech Announces Release of BlueRiver AV Processor Chipset Series**

Semtech Corporation, supplier of analog and mixed signal semiconductors, announced the release of its new BlueRiver audio visual processor (AVP) chipset.

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### INDUSTRIAL HARDWARE NEWS

## **Customized Industrial Touch Panel PC Used in Vehicle Indoor & Outdoor Application**

As a solution provider and manufacturer of industrial box computers, industrial panel PCs, and industrial display products, TAICENN confirmed their customized industrial touch panel PC for vehicle indoor & outdoor application.

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### WEBCAST

## **Edge to Cloud Intelligence Is a Boon to Industrial IoT Platforms**

Sponsored by: **Dell Technologies, IDC, Intel**

Date: **December 5, 2:00 p.m. ET**

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### WEBCAST

## **Windows 10 LTSC vs. Windows 10 Pro: Comparison of usage scenarios and benefits**

Sponsored by: **Arrow Electronics**

Date: **December 10, 11:00 a.m. ET**

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### BEST IN SHOW AWARDS AT SPS 2019

## **The SPS 2019 Best in Show Awards**

SPS is an international exhibition that highlights the industrial automation

industry. It is held annually in Nuremberg, Germany. Embedded Computing Design is pleased to announce the winners of this year's Best in Show competition.

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