



INNOVATE.
INTEGRATE.
INFINITE POSSIBILITIES.

EMPOWERING A SMART FUTURE

Industrial Computing Solutions Built for the future



Reliable
Performance



Industrial
Quality



Flexible
Expansion



Trusted
Worldwide



Industrial
Motherboards



Industrial
Systems



Industrial
Displays



Embedded
Solutions



Expansion
Modules



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HIGH PERFORMANCE COMPUTING

HPC products have a high capability to process data and perform complex calculations at high speed. The HPC series represents the next era of computing, delivering lightning-fast, real-time analysis with extreme reliability. Optimized for AI, 5G, IoT, edge computing, and other applications requiring real-time performance and high reliability, it sets a new benchmark for advanced computing solutions.

Advantages of HPC Solution



Seamless Upgradability

Painless upgrade to in the existing server rack, cabinet or inside system chassis.



Real-time Management

Integrated IPMI2.0 and BMC technology for system monitoring and preventive maintenance.



Extended Lifecycle

At least 7 years product life cycle. Intel IOTG roadmap products provide 15 years availability.



Quality Reliability

Robust and wide operating temperature design. 50,000 hours system level MTBF.



Mainboard

IPMI enabled server board with server grade manageability. 7-year product availability with revision control.



Barebone System

Key parts selection flexibility on customers' requirement. Optimized thermal design with maximum I/O Flexibility



Fully-integrated System

Fully tested system. No hardware related efforts or experience needed.



Generative AI System

AI system supports Intel® 5th Gen Xeon-SP Processors, up to 4x NVIDIA RTX™ Ada GPU.



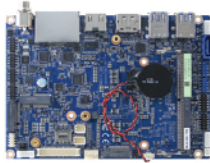
INDUSTRIAL & EMBEDDED MOTHERBOARD



2.5" SBC Pico-ITX

EPX-TWLP

- Intel® Processor N150 & N250 Pico ITX Board
- 100mm x 72mm



3.5" SBC

ECM-ARL

- Intel® Core™ Ultra 5 Processor 225U 225H 3.5" Board
- 146 x 101 mm



EPIC

EPI-ARLS

- Intel® Core™ Ultra Processors, EPIC Board with Intel® Q870/H810 Chipsets
- 165mm x 115mm



Mini-ITX

EMX-W880P

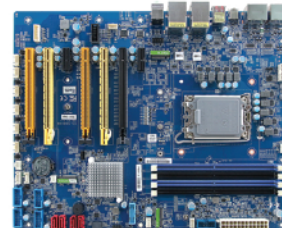
- Intel® Core™ Ultra Processors, Mini ITX Motherboard with Intel® W880 Chipset
- 170mm x 170mm



Micro-ATX

RX680R

- 14th Gen. Intel® Core™ i9/i7/i5/i3 Processor, Micro ATX Motherboard with Intel® R680E
- 243.84mm x 243.84mm



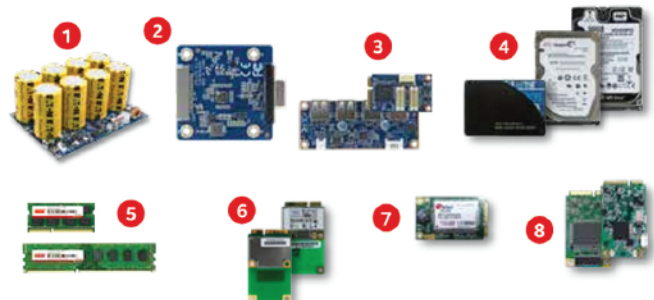
ATX

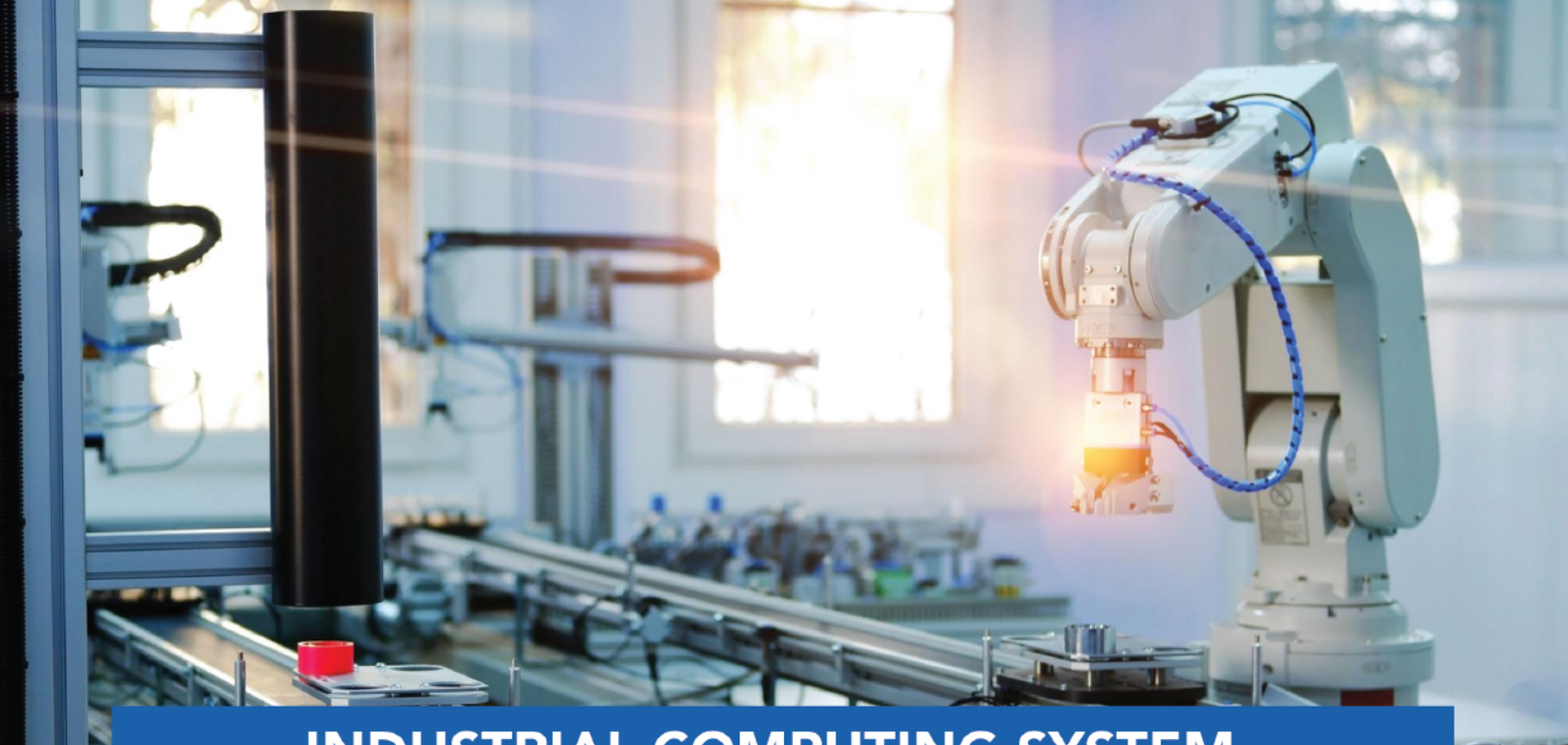
BC680R

- 14th Gen. Intel® Core™ i9/i7/i5/i3 Processors, ATX Motherboard with Intel® R680E
- 304.8mm x 243.84mm

Embedded Peripheral

- | | |
|----------------------|---------------------|
| ① Power Board | ⑤ Industrial Module |
| ② Display Board | ⑥ Wi-Fi Module |
| ③ IO Board | ⑦ 4G/ 5G Module |
| ④ Industrial Storage | ⑧ Capture Card |





INDUSTRIAL COMPUTING SYSTEM

The compact, integrated platform offers fast time-to-market solutions with reliable, rugged designs, providing certified, industrial-grade computing solutions for mission-critical applications.



Edge AI System

Featuring rugged, compact, scalable I/O expansion, and real-time processing, the NVIDIA Jetson platform delivers high-performance edge inferencing with ultra-low latency.



Compact System

This rugged, fully integrated, ultra-thin platform delivers highly expandable I/O interfaces and high-speed connectivity, with simplified setup for rapid deployment.



Modular System

The Intelligent Expansion Technology (IET) modules deliver fast, flexible I/O customization with industrial-grade reliability for rapid prototyping and deployment.



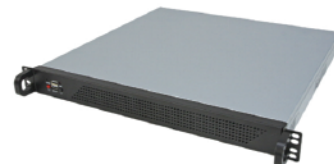
Transportation System

Designed for vehicle and public transportation applications, this platform provides a highly efficient solution with low power consumption.



Barebone System

This highly integrated industrial chassis supports ATX, Micro ATX, and Mini-ITX motherboards. The barebone system offers excellent expandability and full customization services.



Rackmount System

Industrial rackmount PCs are available in 1U to 4U sizes, offering exceptional robustness and versatility, delivering maximum performance and reliable operation in mission-critical environments.

Feature	EMS Modular Systems	Rackmount PCs
Form Factor	Compact modular box	1U–4U chassis
Processor	Intel Tiger Lake Core i3/i5/i7	Supports ATX/Micro ATX/Mini-ITX
Expandability	M.2 slots, PoE LAN	Full customization services



INDUSTRIAL RUGGED PANEL & DISPLAY

Panel PCs and Industrial Displays are designed for rugged, versatile use across automation, medical, transportation, and IoT environments. They feature fanless designs, IP65/66 protection, wide operating temperature ranges, and flexible expansion options, making them suitable for demanding industrial applications.



Rugged Panel PC

- 10.1" ~ 21.5"
- 13th Gen Intel® Raptor Lake Processor
- M.2 slots, IET expansion
- Resistive / PCAP touch



Rugged Industrial Display

- 10.1" to 21.5"
- IP65 front panel
- Operating Temperature range -10°C to 50°C, with options up to -20°C to 70°C



General Purpose Panel PC

- 10.1" & 15.6"
- Rockchip RK3568/ Intel Atom Processor
- Windows/ Android/ Linux OS



Open Frame Display

- 7" ~ 37"
- High-brightness panels
- Slim, modular design ideal for OEM integration



Stainless Steel Panel PC

- IP65/66/69K rating for whole systems
- M12 Waterproof IP67 connectors
- Auto Balance Internal Pressure



Medical Panel PC

- Intel® Core™ Ultra Processors
- UL60601-1 medical certify with anti-microbial finishing
- Slim and expansion design

Feature	Panel PCs	Industrial Displays
Sizes	7" -21"	7" -32" +
Touch Options	PCAP, resistive	PCAP, resistive
Expansion	IET modules, M.2 slots	Limited (mainly video inputs)
Applications	Automation, medical, kiosks, IoT	Industrial signage, kiosks, outdoor