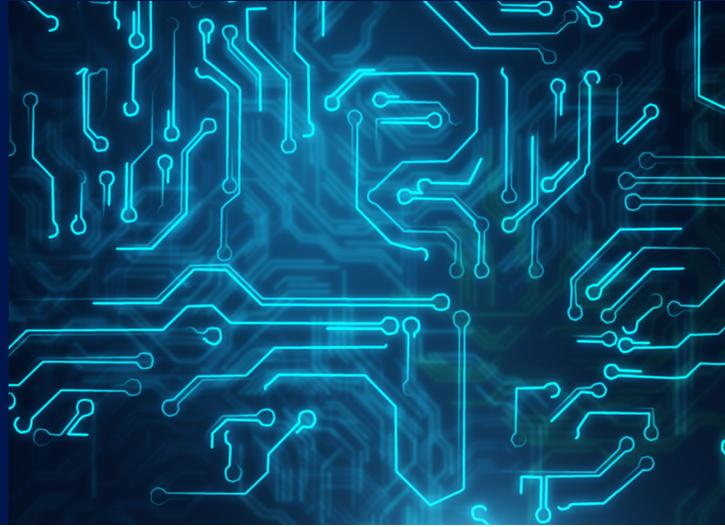


# AI-Ready COM Express with Industrial-Grade Edge Performance



## SOM-COMe- BT6-PTL



### Up to 180 TOPS onboard AI with Intel® Core™ Ultra Series 3 Processors

The SECO [SOM-COMe-BT6-PTL](#) is a COM Express® Type 6 Basic module designed to deliver high-performance, AI-enabled computing for advanced embedded and industrial edge systems. Powered by Intel® Core™ Ultra Series 3 processors, it provides immediate access to next-generation hybrid compute capabilities, combining CPU, GPU, and onboard AI acceleration up to 180 TOPS, including up to 50 TOPS via Intel NPU 5.

The module integrates advanced graphics based on Intel® Arc™ Xe3 architecture, multi-display support, and high-speed interfaces such as PCIe Gen4/Gen5, USB4, and 2.5GbE, enabling seamless connectivity for vision systems, HMI, and data-intensive peripherals. Support for high-capacity DDR5 memory, optional industrial temperature range, and long-term availability make SOM-COMe-BT6-PTL a reliable building block for scalable, AI-driven designs. It is ideally suited for industrial automation, medical imaging, smart infrastructure, and mission-critical embedded applications requiring performance, flexibility, and robustness at the edge.



## Key Features



180-TOPS AI Acceleration



Advanced Graphics



Small Form-Factor I/O



Industrial Temp Support

## Intel Products & Technology



[Intel® Core Ultra 3 Processors](#)



[Intel® Arc™ Graphics](#)

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