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Booth 1-352

AV600-MH-A50 – Battlefield-Ready Computing for Tactical Edge AI

Written by 7Starlake Team

AV600-MH-A50 – Battlefield-Ready Computing for Tactical Edge AI

As AI moves closer to the tactical edge, conventional systems fall short—unable to survive extreme heat, vibration, or electrical interference.

The **AV600-MH-A50**, a qualified Intel® AI Edge System, is purpose-built for **rugged, mission-critical environments**, delivering high-performance computing where reliability matters most.

Powered by the Intel® Core™ Ultra 7 165H with Intel® Arc™ graphics, it delivers:

- Up to 16 CPU cores and 5 GHz clock speeds
- Up to 32% single-thread performance boost¹
- Up to 50% AI performance improvement¹ over previous generations

Designed for the battlefield and beyond, the system features **IP65 protection, MIL-DTL-38999 connectors**, an extended operating range of **-20°C to 60°C**, and compliance with **MIL-STD-810** and **MIL-STD-461** standards—ensuring dependable operation in the harshest conditions.

Combining **extreme computing power** with **true rugged durability**, the **AV600-MH-A50** is the ideal platform for **tactical edge AI, defense, mission-critical IoT, and industrial deployments**.

Learn More:

[7Starlake AV600-MH-A50 - Edge AI Partner Spotlight | Intel® Industry Solution Builders](#)

¹ Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.

Partner Name

7Starlake

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