Product Brief
**Avalue EMX-MTLP**

# Powerful, Reliable, and Scalable Embedded System for Edge Computing and IoT

## Compact Fanless Embedded System with High Performance and AI Acceleration

Avalue EMX-MTLP is a Intel® Core™ Ultra Processor-based solution addresses critical business challenges such as high processing demands, connectivity, and flexibility. With options for both 15W and 28W TDP, it delivers power efficiency without compromising performance. EMX-MTLP supports up to 64GB of DDR5 memory and offers versatile display outputs, including 2x DP, 2x HDMI, LVDS, and eDP. Key benefits include fast data transfer with PCIe Gen4, ample USB ports for peripheral connections, and a variety of M.2 expansion options for customization. Dual Intel® I226 network controllers ensure reliable, high-speed connectivity. This solution stands out with exceptional flexibility, making it ideal for embedded applications. Its scalability, power efficiency, and extensive I/O support set it apart from competitors.

## Key Features

- AI-enhanced Performance
- Compact & Fanless Design
- High-speed Connectivity
- Scalable Storage

## Intel Products & Technology

### Intel® Core™ Ultra Processors Series 2

The Intel® Core™ Ultra processor scale performance and AI acceleration, powering edge computing across smart cities, factories, retail, entertainment, and healthcare for advanced AI-driven solutions.

### Intel® Arc™

Intel® Arc™ is a high-performance graphics brand, delivering immersive visual experiences for gamers and creators with an evolved look, feel, and foundational visual assets.