MIC-770V3

MIC-770V3W-00A1
MIC-770V3, R680E



- Wide operating temperature — -20°C to 60°C, suitable for harsh industrial environments
- DDR5 ECC RAM support (R680E SKU) — up to 64GB dual-channel for reliable, high-performance computing
- Edge AI capable — supports GPU-powered inference for vision, robotics, and automation applications
- Rich I/O — dual serial ports, multiple USB 3.2, GbE LAN, and optional RS-232/422/485

PRODUCT DESCRIPTION

The Advantech MIC-770V3 is a compact fanless industrial computer powered by 12th/13th/14th Gen Intel Core i socket-type (LGA1700) processors, paired with Intel R680E or H610E chipset. Designed for factory and machine automation, it supports DDR5 ECC RAM, rich I/O on a single side, and Advantech i-Module expansion. Wide operating temperature support from -20°C to 60°C makes it suitable for thermally challenging industrial environments. The MIC-770V3 can also perform as an edge AI inference system for GPU-powered applications including high-speed pick-and-place machines, autonomous navigation in robots and vehicles, and auto-optical inspection.

SPECIFICATIONS

I/O-ports - Audio	3,5mm

Approvals	BSMI, CCC, CE, FCC, UL
Width	192
Depth	230
Height	77
Weight	2.8
Power Supply DC min	9
Power Supply DC max	36
Temperature range from	-20
Temperature range to	60
Temperature range bearing, from	-40
Temperature range bearing, to	85