

AIT-M03

Technisches Datenblatt

Dieser kompakte Industrial Mini-PC von Artessa IT basiert auf Intel Core Ultra Prozessoren der 2. Generation mit integrierter NPU (13 TOPS) und GPU (bis zu 8 TOPS) für AI-Inferenz und Edge-Computing-Anwendungen. Mit 4x HDMI 2.0b, dualen 2.5GbE-LAN-Ports, 4x RS-232/RS-485-COM-Ports und umfangreichen USB-Schnittstellen ist das System ideal für industrielle Automatisierung, digitale Signage und KI-gestützte Vision-Systeme. Die Unterstützung von OpenVINO, DirectML und ONNX RT sowie die erweiterte Temperaturtoleranz (-10°C bis 55°C) machen es zur robusten Lösung für anspruchsvolle Produktionsumgebungen.

SYSTEM

CPU Generation	Intel Core Ultra (Series 2)
Chipsatz	Intel B860
RAM Typ	DDR5
RAM Max.	128 GB
RAM Slots	2
RAM Frequenz	4800
BIOS	UEFI
Prozessor Optionen	<ul style="list-style-type: none">• Intel Core Ultra 5 225• Intel Core Ultra 5 225T• Intel Core Ultra 5 235• Intel Core Ultra 5 235T• Intel Core Ultra 7 265• Intel Core Ultra 7 265T

ANSCHLÜSSE

LAN Ports	2
LAN Speed	2.5GbE
USB	USB 3.0 x5, USB 2.0 x4, USB 3.0 Type-C x1
COM-Ports	4x RS-232/422/485
Display-Ausgänge	HDMI 2.0b x4
WLAN	802.11ax (Wi-Fi 6/6E)

MECHANIK

Abmessungen	191 x 165 x 43 mm
Gewicht	1.5 kg
Montage	Desktop

Material	Metal
Stromversorgung	19V 6.32A DC (100-240V AC)

UMGEBUNG

Betriebstemperatur	-10°C bis +55°C
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ZERTIFIZIERUNGEN & BETRIEBSSYSTEME

OS Support	Windows 11, Windows 10, Linux
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Technical Data Sheet

This compact industrial mini PC from Artessa IT features Intel Core Ultra 2nd generation processors with integrated NPU (13 TOPS) and GPU (up to 8 TOPS) for AI inference and edge computing applications. With 4x HDMI 2.0b, dual 2.5GbE LAN ports, 4x RS-232/RS-485 COM ports, and extensive USB connectivity, the system is ideal for industrial automation, digital signage, and AI-powered vision systems. Support for OpenVINO, DirectML, and ONNX RT, combined with extended temperature tolerance (-10°C to 55°C), makes it a robust solution for demanding production environments.

SYSTEM

CPU Generation	Intel Core Ultra (Series 2)
Chipset	Intel B860
RAM Type	DDR5
RAM Max.	128 GB
RAM Slots	2
RAM Frequency	4800
BIOS	UEFI
Processor Options	<ul style="list-style-type: none">• Intel Core Ultra 5 225• Intel Core Ultra 5 225T• Intel Core Ultra 5 235• Intel Core Ultra 5 235T• Intel Core Ultra 7 265• Intel Core Ultra 7 265T

CONNECTIONS

LAN Ports	2
LAN Speed	2.5GbE
USB	USB 3.0 x5, USB 2.0 x4, USB 3.0 Type-C x1
COM Ports	4x RS-232/422/485
Display Outputs	HDMI 2.0b x4
Wi-Fi	802.11ax (Wi-Fi 6/6E)

MECHANICS

Dimensions	191 x 165 x 43 mm
Weight	1.5 kg
Mounting	Desktop

Material	Metal
Power Input	19V 6.32A DC (100-240V AC)

ENVIRONMENT

Operating Temperature	-10°C to +55°C
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CERTIFICATIONS & OS SUPPORT

OS Support	Windows 11, Windows 10, Linux
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