

Dieser lüfterlose Industrie-PC von Artessa IT basiert auf Intel 8th Gen Core-Prozessoren (i3/i5/i7) und bietet robuste Konnektivität mit 2x GbE LAN, 4x RS-232 COM-Ports und umfassenden USB-Schnittstellen. Mit erweitertem Temperaturbereich von -20°C bis 70°C, TPM 2.0-Sicherheit und flexibler DC-Eingangsspannung (9-36V) eignet sich das System ideal für industrielle Automatisierung, Edge-Computing und IoT-Gateway-Anwendungen. Das kompakte Aluminiumgehäuse mit passiver Kühlung gewährleistet wartungsfreien 24/7-Betrieb.

Highlights

- Prozessor: Intel Core i3-8145U (8th Gen, 2C/4T, 2.1 GHz, 25W)
- DDR4L – erweiterbar bis 64 GB
- Speicher: 120GB M.2 SSD, 250GB M.2 SSD
- 2x GbE LAN
- 4x RS-232/422/485
- WLAN / Bluetooth / 4G optional
- TPM 2.0 Verschlüsselung

Spezifikationen

System	
CPU-Generation	8th Gen
Kerne / Threads	4C / 8T
Basistakt	1.8 GHz
Turbotakt	4.6 GHz
TDP	25 W
Chipsatz	Integrated with Intel SoC
RAM-Typ	DDR4L
RAM max.	64 GB
RAM-Slots	1
RAM-Frequenz	2400 MHz
Prozessor-Optionen	• Intel Core i3-8145U (8th Gen, 2C/4T, 2.1 GHz, 25W) • Intel Core i5-8265U (8th Gen, 4C/8T, 1.6 GHz, 25W) • Intel Core i7-8565U (8th Gen, 4C/8T, 1.8 GHz, 25W)
RAM-Optionen	• 4 GB • 64 GB
Speicher-Optionen	• 120GB M.2 SSD • 250GB M.2 SSD • 500GB M.2 SSD • 2TB M.2 SSD • 2.5" SATA
Anschlüsse & I/O	
LAN-Ports	2
LAN-Geschwindigkeit	GbE
USB	USB 2.0 x4, USB 3.0 x4
COM-Ports	4x RS-232/422/485
Display-Ausgänge	DisplayPort x1, HDMI x1
WLAN / Wi-Fi	Optional WiFi

Bluetooth	Optional Bluetooth
Audio	Realtek ALC662
Stromversorgung	
Eingangsspannung	9-36V DC
Mechanik	
Abmessungen	220 x 145 x 62 mm
Gewicht	1.5 kg
Montage	Desktop, Wall Mount
Material	Aluminum Alloy Shell
Farbe	Grey / Silver / Black
Lüfterlos	Ja
Umgebung	
Betriebstemperatur	-20°C bis +70°C
Luftfeuchtigkeit	5%~95%@40°C, non-condensing
Vibrationsfestigkeit	1.5 Grms, IEC 60068-2-64, random, 5-500 Hz, 1 hr/axis
Zertifizierungen & Software	
Zertifizierungen	CE, FCC Class A, RoHS
OS-Unterstützung	Windows 10, Windows 11, Linux, Ubuntu
TPM	TPM 2.0

This fanless industrial PC from Artessa IT features Intel 8th Gen Core processors (i3/i5/i7) and provides robust connectivity with 2x GbE LAN, 4x RS-232 COM ports, and comprehensive USB interfaces. With an extended operating temperature range of -20°C to 70°C, TPM 2.0 security, and flexible DC input voltage (9-36V), the system is ideal for industrial automation, edge computing, and IoT gateway applications. The compact aluminum chassis with passive cooling ensures maintenance-free 24/7 operation.

Highlights

- Processor: Intel Core i3-8145U (8th Gen, 2C/4T, 2.1 GHz, 25W)
- DDR4L – expandable up to 64 GB
- Storage: 120GB M.2 SSD, 250GB M.2 SSD
- 2x GbE LAN
- 4x RS-232/422/485
- Wi-Fi / Bluetooth / 4G optional
- TPM 2.0 encryption

Specifications

System	
CPU Generation	8th Gen
Cores / Threads	4C / 8T
Base Clock	1.8 GHz
Turbo Clock	4.6 GHz
TDP	25 W
Chipset	Integrated with Intel SoC
RAM Type	DDR4L
RAM Max.	64 GB
RAM Slots	1
RAM Frequency	2400 MHz
Processor Options	• Intel Core i3-8145U (8th Gen, 2C/4T, 2.1 GHz, 25W) • Intel Core i5-8265U (8th Gen, 4C/8T, 1.6 GHz, 25W) • Intel Core i7-8565U (8th Gen, 4C/8T, 1.8 GHz, 25W)
RAM Options	• 4 GB • 64 GB
Storage Options	• 120GB M.2 SSD • 250GB M.2 SSD • 500GB M.2 SSD • 2TB M.2 SSD • 2.5" SATA
I/O & Connectivity	
LAN Ports	2
LAN Speed	GbE
USB	USB 2.0 x4, USB 3.0 x4
COM Ports	4x RS-232/422/485
Display Outputs	DisplayPort x1, HDMI x1
WLAN / Wi-Fi	Optional WiFi
Bluetooth	Optional Bluetooth

Audio	Realtek ALC662
Power	
Power Input	9-36V DC
Mechanical	
Dimensions	220 x 145 x 62 mm
Weight	1.5 kg
Mounting	Desktop, Wall Mount
Material	Aluminum Alloy Shell
Color	Grey / Silver / Black
Fanless	Yes
Environment	
Operating Temperature	-20°C to +70°C
Humidity	5%~95%@40°C, non-condensing
Vibration Resistance	1.5 Grms, IEC 60068-2-64, random, 5-500 Hz, 1 hr/axis
Certifications & Software	
Certifications	CE, FCC Class A, RoHS
OS Support	Windows 10, Windows 11, Linux, Ubuntu
TPM	TPM 2.0