

Dieser kompakte Industrial Box PC von Artessa IT basiert auf Intel Prozessoren der 12. und 13. Generation (Alder Lake-N / Twin Lake) mit bis zu 8 Kernen und DDR5-4800 Arbeitsspeicher. Mit 6 Gigabit- und 2 x 2.5-Gigabit-LAN-Ports, 6 konfigurierbaren RS-232/485/422-Schnittstellen, dualen 5G/4G-Modulschächten und CAN-Bus-Unterstützung eignet sich das System optimal für Netzwerk-, IoT- und Automatisierungsanwendungen. Das robuste Aluminiumgehäuse mit VESA-Halterung arbeitet zuverlässig von -20°C bis +55°C und unterstützt Windows 11, Windows 10 sowie Linux.

SYSTEM

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|--------------------|--|
| CPU-Generation | 12th Gen Alder Lake-N |
| Kerne / Threads | 8C / 8T |
| Basistakt | 1.8 GHz |
| Turbotakt | 3.8 GHz |
| TDP | 15 W |
| RAM-Typ | DDR5 |
| RAM max. | 16 GB |
| RAM-Slots | 1 |
| RAM-Frequenz | 4800 MT/s |
| BIOS | UEFI with Wake On LAN, Auto power on when power failure, PXE |
| Prozessor-Optionen | <ul style="list-style-type: none">• Intel N200 (Alder Lake-N, 4C/4T, 1.0-3.7 GHz, 6W)• Intel Core i3-N300 (Alder Lake-N, 8C/8T, 0.8-3.8 GHz, 7W)• Intel Core i3-N305 (Alder Lake-N, 8C/8T, 1.8-3.8 GHz, 15W)• Intel N250 (Twin Lake, 4C/4T, 1.2-3.8 GHz, 6W)• Intel Core i3-N350 (Twin Lake, 8C, 13th Gen) |

SCHNITTSTELLEN

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|------------------|--|
| LAN-Ports | 6 |
| LAN Speed | 2.5GbE |
| USB | USB 3.0 x6 |
| COM-Ports | 6x RS-232/422/485 |
| Display-Ausgänge | DisplayPort 1.4a x1, HDMI 2.0b x1, HDMI-E x1 |
| Bluetooth | true |

MECHANIK

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|-----------------|--|
| Abmessungen | 215 x 152 x 64.5 mm |
| Montage | VESA 70x70mm, VESA 100x100mm, Desktop |
| Material | Aluminum |
| Stromversorgung | 12-36V DC (Phoenix connector) / 100-240V AC (PSU output: 19V 3.78A DC) |

UMGEBUNG

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|--------------------|-----------------|
| Betriebstemperatur | -20°C bis +55°C |
|--------------------|-----------------|

ZERTIFIZIERUNGEN & SOFTWARE

| | |
|------------------|-----------------------------------|
| OS-Unterstützung | Windows 11, Windows 10, Linux |
| TPM | TPM 2.0 (Infineon chip, optional) |

This compact industrial box PC from Artessa IT features Intel 12th and 13th generation processors (Alder Lake-N / Twin Lake) with up to 8 cores and DDR5-4800 memory. With 6 Gigabit and 2 × 2.5 Gigabit LAN ports, 6 configurable RS-232/485/422 serial interfaces, dual 5G/4G module slots, and CAN bus support, the system is ideal for networking, IoT, and automation applications. The rugged aluminum chassis with VESA mount operates reliably from -20°C to +55°C and supports Windows 11, Windows 10, and Linux.

SYSTEM

| | |
|-------------------|--|
| CPU Generation | 12th Gen Alder Lake-N |
| Cores / Threads | 8C / 8T |
| Base Clock | 1.8 GHz |
| Turbo Clock | 3.8 GHz |
| TDP | 15 W |
| RAM Type | DDR5 |
| RAM Max. | 16 GB |
| RAM Slots | 1 |
| RAM Frequency | 4800 MT/s |
| BIOS | UEFI with Wake On LAN, Auto power on when power failure, PXE |
| Processor Options | <ul style="list-style-type: none">• Intel N200 (Alder Lake-N, 4C/4T, 1.0-3.7 GHz, 6W)• Intel Core i3-N300 (Alder Lake-N, 8C/8T, 0.8-3.8 GHz, 7W)• Intel Core i3-N305 (Alder Lake-N, 8C/8T, 1.8-3.8 GHz, 15W)• Intel N250 (Twin Lake, 4C/4T, 1.2-3.8 GHz, 6W)• Intel Core i3-N350 (Twin Lake, 8C, 13th Gen) |

CONNECTIVITY

| | |
|-----------------|--|
| LAN Ports | 6 |
| LAN Speed | 2.5GbE |
| USB | USB 3.0 x6 |
| COM Ports | 6x RS-232/422/485 |
| Display Outputs | DisplayPort 1.4a x1, HDMI 2.0b x1, HDMI-E x1 |
| Bluetooth | true |

MECHANICAL

| | |
|-------------|--|
| Dimensions | 215 x 152 x 64.5 mm |
| Mounting | VESA 70x70mm, VESA 100x100mm, Desktop |
| Material | Aluminum |
| Power Input | 12-36V DC (Phoenix connector) / 100-240V AC (PSU output: 19V 3.78A DC) |

ENVIRONMENT

| | |
|-----------------------|----------------|
| Operating Temperature | -20°C to +55°C |
|-----------------------|----------------|

CERTIFICATIONS & SOFTWARE

| | |
|------------|-----------------------------------|
| OS Support | Windows 11, Windows 10, Linux |
| TPM | TPM 2.0 (Infineon chip, optional) |