

Dieser kompakte Box-PC von Artessa IT basiert auf Intel Alder Lake Prozessoren der 12. Generation und bietet bis zu einem Core i7-1260P mit 12 Kernen. Mit zwei 2.5 Gigabit Ethernet-Ports (Intel I226-V), Thunderbolt 4 und vier Videoausgängen (3x HDMI 2.0, 1x DP 1.4) eignet sich das System ideal für industrielle Anwendungen, digitale Beschilderung und Netzwerk-Appliances. Die flexible Konnektivität umfasst zudem serielle Schnittstellen (RS-232/485), M.2-Slots für WiFi/LTE sowie zwei NVMe-Speicherplätze.

**SYSTEM**

CPU-Generation	12th Gen Alder Lake
Kerne / Threads	12C / 16T
Basistakt	2.1 GHz
Turbotakt	4.7 GHz
TDP	28 W
RAM-Typ	DDR4
RAM max.	64 GB
RAM-Slots	2
RAM-Frequenz	2666/3200 MHz
Prozessor-Optionen	<ul style="list-style-type: none"><li>• Intel Core i3-1215U (Alder Lake-U, 6C/8T, 1.2/4.4 GHz, 15W)</li><li>• Intel Core i5-1235U (Alder Lake-U, 10C/12T, 1.3/4.4 GHz, 15W)</li><li>• Intel Core i5-1240P (Alder Lake-P, 12C/16T, 1.7/4.4 GHz, 28W)</li><li>• Intel Core i7-1255U (Alder Lake-U, 10C/12T, 1.7/4.7 GHz, 15W)</li><li>• Intel Core i7-1260P (Alder Lake-P, 12C/16T, 2.1/4.7 GHz, 28W)</li></ul>
RAM-Optionen	<ul style="list-style-type: none"><li>• 8 GB</li><li>• 16 GB</li><li>• 32 GB</li><li>• 64 GB</li></ul>

**SCHNITTSTELLEN**

LAN-Ports	2
LAN Speed	2.5GbE
USB	USB 3.0 x4, USB 2.0 x4, USB Type-C Thunderbolt 4 x1
COM-Ports	2x RS-232/422/485
Display-Ausgänge	HDMI 2.0 x3, DisplayPort 1.4 x1

**MECHANIK**

Abmessungen	185 x 125 x 60 mm
Montage	Desktop, VESA 70x70mm, VESA 100x100mm
Material	Plastic
Stromversorgung	100-240V AC (19V 3.42A DC)

**UMGEBUNG**

Betriebstemperatur	0°C bis +85°C
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**ZERTIFIZIERUNGEN & SOFTWARE**

OS-Unterstützung	Windows 10, Windows 11, Linux
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This compact Box PC from Artessa IT is powered by 12th Gen Intel Alder Lake processors up to Core i7-1260P with 12 cores. Featuring dual 2.5 Gigabit Ethernet ports (Intel I226-V), Thunderbolt 4, and four video outputs (3x HDMI 2.0, 1x DP 1.4), the system is ideal for industrial applications, digital signage, and network appliances. Flexible connectivity includes serial interfaces (RS-232/485), M.2 slots for WiFi/LTE, and dual NVMe storage slots.

#### SYSTEM

CPU Generation	12th Gen Alder Lake
Cores / Threads	12C / 16T
Base Clock	2.1 GHz
Turbo Clock	4.7 GHz
TDP	28 W
RAM Type	DDR4
RAM Max.	64 GB
RAM Slots	2
RAM Frequency	2666/3200 MHz
Processor Options	<ul style="list-style-type: none"><li>• Intel Core i3-1215U (Alder Lake-U, 6C/8T, 1.2/4.4 GHz, 15W)</li><li>• Intel Core i5-1235U (Alder Lake-U, 10C/12T, 1.3/4.4 GHz, 15W)</li><li>• Intel Core i5-1240P (Alder Lake-P, 12C/16T, 1.7/4.4 GHz, 28W)</li><li>• Intel Core i7-1255U (Alder Lake-U, 10C/12T, 1.7/4.7 GHz, 15W)</li><li>• Intel Core i7-1260P (Alder Lake-P, 12C/16T, 2.1/4.7 GHz, 28W)</li></ul>
RAM Options	<ul style="list-style-type: none"><li>• 8 GB</li><li>• 16 GB</li><li>• 32 GB</li><li>• 64 GB</li></ul>

#### CONNECTIVITY

LAN Ports	2
LAN Speed	2.5GbE
USB	USB 3.0 x4, USB 2.0 x4, USB Type-C Thunderbolt 4 x1
COM Ports	2x RS-232/422/485
Display Outputs	HDMI 2.0 x3, DisplayPort 1.4 x1

#### MECHANICAL

Dimensions	185 x 125 x 60 mm
Mounting	Desktop, VESA 70x70mm, VESA 100x100mm
Material	Plastic
Power Input	100-240V AC (19V 3.42A DC)

#### ENVIRONMENT

Operating Temperature	0°C to +85°C
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#### CERTIFICATIONS & SOFTWARE

OS Support	Windows 10, Windows 11, Linux
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