

BOX x7433 Eco



Compact Fanless Industrial PC for Industrial Control

The BOX x7433 Eco is a compact, fanless industrial PC with an Intel® Atom® x7433RE processor for reliable embedded and industrial control applications. With its space-saving form factor, fully fanless design, and an extended operating temperature range of -20 °C to +70 °C, this industrial mini PC is particularly well-suited for use in machines, plants, and decentralized control systems. Two Gigabit LAN ports and a versatile I/O configuration enable flexible integration into industrial networks and existing system environments.

Technische Daten

General

CPU	Intel Atom® x7433RE (4x 0.1 GHz, up to 3.4 GHz)
Applications	Industrial PC
Environmental Conditions	-20°C to +70°C
Cooling	passive

Power supply

DC In	12V / 4A / 48W
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Connections

Video output	HDMI 2.0
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Connections

HDMI 2.0	1
Gigabit LAN	2
USB 2.0	2
USB 3.2 Gen 2×1	1
USB 3.2 Gen 1×1	1
COM RS-232/422/485	1
GPIO (4-bit, DB9 female)	1

Dimensions

Height	52 mm
Width	80 mm
Depth	120 mm

Graphic

Integrated graphics	Intel® UHD Graphics
Independent image output	1
Video resolution	4096 x 2160 @ 60Hz

Miscellaneous

Operating system	Windows 10 & 11 IoT / Windows 11 Pro / Ubuntu
TPM 2.0	Yes
Class A warning	The device is intended for use in an industrial environment. Operation of this device may cause radio interference in residential areas.
Warning for 802.11a use	If you want to use the WLAN module according to 802.11a in the 5 GHz range: Use in the 5150 MHz – 5350 MHz frequency range is only permitted indoors!