

ONE N100



Compact entry-level mini PC for industry and automation

The ONE N100 is an affordable, powerful entry-level PC for the industrial sector that offers a wide range of applications despite its compact dimensions of just 35 x 116 x 107 mm. Equipped with the Intel N100 processor (4 cores up to 3.4 GHz), 8 GB DDR4 RAM and a 128 GB eMMC SSD, it reliably processes standard applications in industrial control, robotics or for digital signage. Thanks to the passively cooled metal housing, the Mini-PC operates silently and maintenance-free, while the integrated WiFi adapter ensures wireless networking. Various operating systems can be installed as an option to flexibly adapt the PC to the respective requirements.

Technische Daten

System

CPU	Intel® N100 (FCBGA1264, 4 cores, up to 3.4 GHz)
GPU	Intel® UHD Graphics
RAM	8 GB SO-DDR4
SSD / HDD	128 GB eMMC SSD

I/Os

Front	<ul style="list-style-type: none"> 1 x Power Button 2 x USB 3.2 1 x COM RS232 / 422 / 485 1 x Line Out 1 x Mic In
Back	<ul style="list-style-type: none"> 1 x Kensington Lock 1 x HDMI 2.0 1 x DisplayPort 1.4 1 x Gigabit LAN 2 x USB 3.2

Environment / Mass

Dimensions (W x D x H) 116mm x 107 mm x 35 mm

Wall mount yes

Ambient conditions (operation) 0°C to +40°C w/ 0.7m/s air flow

Cooling passive

Idle Power Consumption in W 8.9

Extensions

M.2 KeyE 2230

Miscellaneous

Operating system Windows 10 / 11, Linux

PSU 12V / 2A / 24W

Standards & Certificates CE, FCC

Class A warning The device is intended for use in industrial environments. 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!
