

ONE J6412



Compact entry-level mini PC for industry and automation

The ONE J6412 is a powerful entry-level PC for the industrial sector that offers a wide range of applications despite its compact dimensions of just 30 x 116 x 107 mm. Equipped with the Intel Celeron J6412 processor (4 cores up to 2.6 GHz), 8 GB 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® Celeron J6412 (FCBGA1493, 4 cores)

GPU Intel® UHD Graphics

RAM 8 GB SO-DDR4

SSD / HDD 128 GB eMMC SSD

I/Os

Front 1 x PowerButton 1 x USB 3.2 1 x COM RS232 / 422 / 485 1 x Line-Out 1 x Mic-In

Back 1 x Kensington Lock 1 x HDMI 2.0 1 x DisplayPort 1.2 1 x Gigabit LAN 2 x USB 3.2

Environment / Mass

Dimensions (W x D x H) 116mm x 107 mm x 30 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	7.5

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!
