

ONE J6412



Entry-level PC for Industrial Control

The ONE J6412 is equipped with the eponymous Intel Celeron J6412 processor (4x up to 2.6 GHz), 8 GB RAM and a 128 GB eMMC SSD. With various interfaces, an optional operating system and integrated WiFi, the mini PC is perfectly suited for use in industrial applications such as industrial control or robotics.

Technical Data

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
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
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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!