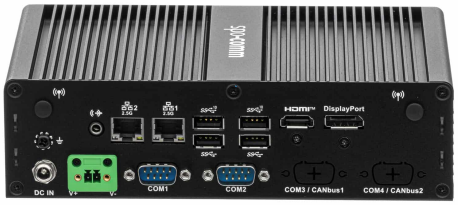
BRICK i3-N305



Compact industrial mini PC with Intel® Core™ i3-N305 for versatile applications

The BRICK i3 N305 is a compact and powerful industrial mini PC that has been specially developed for reliable use in demanding environments. Equipped with an Intel® Core™ i3-N305 CPU, 16 GB RAM and 512 GB mass storage, the system offers sufficient computing power for industrial applications, automation, edge computing or digital signage installations. Thanks to its extended temperature range of -10 °C to +55 °C and a wide-range power input of 9 to 36 V, the mini PC can be flexibly integrated into a wide range of application scenarios - from production environments and machine control systems to IoT gateways or embedded systems. The robust design ensures stable and reliable operation even under demanding conditions.

Technische Daten

System

CPU	Intel® Core i3-N305 (FCBGA1264, 8 cores)
GPU	Intel® UHD Graphics
RAM	16 GB SO-DR5
SSD / HDD	512 GB M.2 SATA SSD

I/Os

Front	1 x Power Button 1 x MIC-IN 6 x USB 2.0 1 x DIO
Back	1 x COM RS232 1 x COM RS232 / 422 /485 1 x DisplayPort 1.4b 1 x HDMI 1.4 2 x USB 3.2 Gen 2

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Vertretung durch
Geschäftsführer
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I/Os

	2 x USB 3.2 Gen 1 2 x 2.5 Gbps LAN 1 x LINE-Out 1 x DC-In 9–36 V

Environment / Mass

Dimensions (W x D x H)	200 mm x 150 mm x 55 mm
Ambient temperature (operation)	-10°C to +55°C w/ Airflow 0.7m/s
Cooling	passive
Idle power consumption in watts	9.9
Wall bracket	included
DIN rail top-hat rail clamps (set of 2)	included

Extensions

M.2	KeyB 2242/3042/2280 KeyE 2230

Miscellaneous

Operating system	Windows 10 / 11 / Linux
PSU	9V – 36V
Standards & Certificates	CE, FCC, RCM, VCCI, BSMI, UKCA, IC
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!

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