RUGGED Q670E





Industrial PC for automation, vehicle computing and edge computing

The RUGGED Q670E was specially developed for industrial applications that require high reliability, flexible interfaces and stable continuous operation. Equipped with an Intel® Core™ i5-12500TE CPU, up to 64 GB RAM and fast NVMe SSD, the system is ideal for machine control, process visualization, industrial networks and modern edge computing applications. The passively cooled metal housing ensures maintenance-free and silent 24/7 operation even under demanding environmental conditions.

Technische Daten

System

CPU	Intel® Core i5-12500TE (FCLGA1700, 6 cores)
GPU	Intel® UHD Graphics 770
RAM	16 GB SO-DDR4 (up to 32GB)
SSD / HDD	512 GB M.2 NVMe SSD (up to 1TB)

I/Os

Front	6 x USB 3.2 Gen 2×1 1 x HDMI 2.1 2 x HDMI 2.0 1 x Gigabit LAN 2 x 2.5 Gbps LAN 1 x Line-Out 1 x Mic-In 1 x SIM card slot
Back	1 x COM RS232 / 422 / 485

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Vertretung durch
Geschäftsführer
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Do you need consultation?
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I/Os

	, 3 x COM RS232 , 2 x USB 3.2 , 1 x Power Button

Environment / Mass

Dimensions (W x D x H)	420 mm x 275 mm x 127 mm
Ambient conditions (operation)	-20°C to +60°C w/ 0.7m/s airflow
Cooling	passive
Idle power consumption in W	21
Wall bracket	included

Extensions

M.2	1 x KeyM 2280 (SATA / PCIe x4) 1 x KeyM 2280 (PCIe x4) 1 x KeyB 2242/3042/2252/3052 (PCIe x1 and USB 3.2) 1 x KeyE 2230 (PCIe x2 and USB)

Miscellaneous

Operating system	Windows 10 / 11
PSU	12-24 V /10-5A / 120W (4-pole)
Standards & Certificates	CE, FCC Class A
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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