

RUGGED Q670E



Industrial and outdoor PC

The RUGGED Q670E is powered by an Intel® Core™ i5-12500TE CPU and the integrated Intel UHD Graphics 770 and can therefore process powerful multimedia content. The Mini-PC can also be operated outdoors thanks to the extended temperature range of -20°C to +60 °C. The system is supported by 16GB RAM and a 512 GB NVMe SSD, which can also be placed in a RAID array.

Technical Data

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 Gen2x1 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 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

Extensions

M.2	1 x KeyM 2280 (SATA / PCIe x4) 1 x KeyM 2280 (PCIe x4) 1 x KeyB
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Extensions

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!
