RUGGED Q670E

Powerful industrial and outdoor PC: RUGGED Q670E

The RUGGED Q670E is the perfect industrial and outdoor PC for demanding environments. Powered by an Intel® Core™ i5-12500TE CPU and integrated Intel UHD Graphics 770, it effortlessly handles powerful multimedia content and 8K video for AI-powered applications. With 16 GB RAM and a 512 GB NVMe SSD, which can optionally be used in a RAID array, our industrial mini PC offers both speed and data security. Thanks to its extended temperature range of -20°C to +60°C, the RUGGED Q670E can also be used reliably in extreme outdoor 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 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

Environment / Mass

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!