

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 16 GB of RAM and a 512 GB NVMe SSD, which can also be used in a RAID array.

Technical Data

General

CPU	Intel® Core i5-12500TE (performance cores 6 x 1.90 GHz (max. 4.30 GHz))
Applications	Industrial PC, Outdoor PC
Idle power consumption in W	21
Ambient conditions	-20°C up to +60°C
Cooling	passive

Power supply

DC In	12 – 24V / 10-5A
Input voltage power supply unit	100 – 240V

Connections

Video output	HDMI 2.1, HDMI 2.0
HDMI 2.1	1
HDMI 2.0	2
Audio output	1x Mic-In, 1x Line-Out
Gigabit LAN	1
2.5 Gbps Ethernet	2
USB 3.2 Gen 2x1	7
USB 3.2 Gen 1x1	1
COM RS232	3
COM RS232/422/485	1

Dimensions

Height	67 mm
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Dimensions

Width	238 mm
Depth	190 mm
Wall bracket	included

Graphic

Integrated graphics	Intel® UHD Graphics 770
Independent image output	3
Video resolution	8K

Miscellaneous

Operating system	Windows 11 Professional, Windows 10 IoT Enterprise 2021 LTSC Value, Ubuntu 22.04 LTS, Windows 11 IoT Enterprise LTSC Value
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!