NINETEEN Q670E (19 inches)





Powerful server PC with optional NVIDIA RTX for AI & industry

The NINETEEN Q670E is a versatile server PC that has been specially developed for demanding industrial and server applications. Thanks to the optional integrated NVIDIA RTX graphics card, the system is ideal for computing-intensive tasks such as deep learning, AI applications or intelligent video surveillance. In combination with powerful Intel® processors and extensive expansion options, the spo-comm industrial PC NINETEEN Q670E offers maximum performance and flexibility for modern edge and server solutions.

Technische Daten

System

CPU	Intel® Core i5-12500T (FCLGA1700, 6 cores)
CHIPSET	Intel® Q670E
GPU	Intel® UHD Graphics (integrated), Nvidia® RTX A2000 (12GB DDR6) (optional) Nvidia® RTX 2000 (16GB DDR6) (optional) Nvidia® RTX 4000 (20GB DDR6) (optional)
RAM	16 GB SO-DDR5 (optional up to 64GB)
SSD / HDD	512 GB M.2 PCIe 4.0 NVMe (optional up to 2 TB) , 2 x 2.5? SATA3 SSD/HDD

I/Os

Front	1 x Power Button , 2 x USB 3.2 Gen1

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Vertretung durch
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I/Os

Back	2 x Audio Ports (LINE-In, LINE-Out) 1 x Gigabit LAN 1 x 2.5 Gbps LAN 2 x USB 2.0 2 x USB 3.2 Gen1 3 x USB 3.2 Gen2 1 x USB-C 3.2 Gen2 4 x DisplayPort 1.4a 1 x COM RS232 (optional)

Environment / Mass

Dimensions (W x D x H)	424 mm x 298 mm x 68 mm
Ambient temperature (operation)	0° to +60°C
Cooling	active
Idle power consumption in W	13,5

Extensions

M.2	KeyM 2242 (assigned) KeyE 2230
PCIe	1 x (x16 slot with x16 connection each)

Miscellaneous

Operating system	Windows 10 / 11 / Linux
PSU	100V – 240V AC
Standards & Certificates	CE, FCC Class A, RCM, BSMI, VCCI, UKCA, IC, IEC 62368: CE(LVD) / BSMI
Special features	The temperature range changes with an additional GPU.
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.

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