

NINETEEN Q670E



Server PC with optional Nvidia GPU

The NINETEEN Q670E is the perfect PC for server applications and can also be used in areas such as deep learning, industrial monitoring and for AI calculations thanks to its optional Nvidia RTX graphics card.

With its extended temperature range from 0°C to +60°C and a height of 1.5 U, the Mini-PC is perfect for use as a server.

Technical Data

System

CPU	Intel® Core i5-12500T (FCLGA1700, 6 cores)
CHIPSET	Intel® Q670E
GPU	Intel® UHD Graphics 770 (integrated), Nvidia® RTX A2000 (12GB DDR6) (optional) Nvidia® RTX 2000 (16GB DDR6) (optional) Nvidia® RTX 4000 (20GB DDR6) (optional)
RAM	16 GB SO-DDR5 (optionally up to 64GB)
SSD / HDD	512 GB M.2 PCIe 4.0 NVMe (optional up to 2TB) 2 x 2.5" SATA3 SSD/HDD

I/Os

Front	1 x power button 2 x USB 3.2 Gen1
Back	2 x audio port (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
Wall bracket	no

Extensions

M.2	KeyM 2242 (occupied) 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.