

NISE 70 Series



Common Specifications

Category	Specification
CPU	Intel® 11th Gen Core™ i7/i5/Celeron® (Tiger Lake-UP3, onboard)
Memory	1 × DDR4 3200 SO-DIMM, up to 32 GB
Graphics / Display	4 × HDMI, 4K @ 30 Hz
LAN	3 × GbE LAN (2 × Intel® I211, 1 × Intel® WGI219LM), supports WoL, teaming, PXE
USB Ports	Front: 4 × HDMI, 1 × antenna hole; Rear: 3 × USB 3.0 (900 mA each), 1 × USB 2.0 (500 mA each)
Serial Ports	COM1: RS-232/422/485 auto flow control; COM2: RS-232 full signal
I/O Internal	4 × GPI and 4 × GPO (programmable)
Expansion Slots	1 × mini-PCIe (Wi-Fi/BT/4G LTE/mSATA), 1 × M.2 Key B/B+M (4G LTE/5G/SATA storage)
Power Input	+12 V to +24 V DC, optional 24 V/60 W adapter
Operating Temperature	-10 °C to 60 °C
Storage / OS	Windows® 10 Enterprise 64-bit, Linux Kernel 4.19
Dimensions	198.8 mm (W) × 150.4 mm (D) × 37.7 mm (H)
Chassis	Aluminum and metal, fanless design
Certifications	CE, FCC Class A
Shock & Vibration	M.2/mSATA: 50 G, 11 ms; Vibration: 2 Grms @ 5–500 Hz

Model Comparison

Model	CPU	Fanless	TDP	Part Number	Notes
NISE 70-T01	Intel® Celeron® 6305E	Yes	Standard	10J00007000X0	Entry-level fanless system
NISE 70-T02	Intel® Core™ i5 1145G7E	No	Standard	10J00007001X0	Fan-assisted system
NISE 70-T03	Intel® Core™ i7 1185G7E	No	Standard	10J00007002X0	Fan-assisted system
NISE 70-T04	Intel® Core™ i5 1145G7E	Yes	15W	10J00007003X0	Low-power fanless system
NISE 70-T05	Intel® Core™ i7 1185G7E	Yes	15W	10J00007004X0	Low-power fanless system