

NES-52

Industrial Fanless Systems Series



NES-52

PRODUCT HIGHLIGHTS

- ▶ On board Intel® Celeron® processor J3455 Quad Core, 1.50GHz
- ▶ 3 x HDMI
- ▶ 3 x Intel® I210 GbE LAN ports; support WoL, teaming and PXE
- ▶ 6 x USB 3.0
- ▶ 2 x USB 2.0
- ▶ 2 x mini-PCIe socket support optional mSATA/Wi-Fi/BT/4G LTE modules
- ▶ 1 x RS232/422/485, 3 x RS232
- ▶ Supports -5°C~55 °C extended operating temperature
- ▶ Supports +9V to 30VDC input; supports ATX power mode



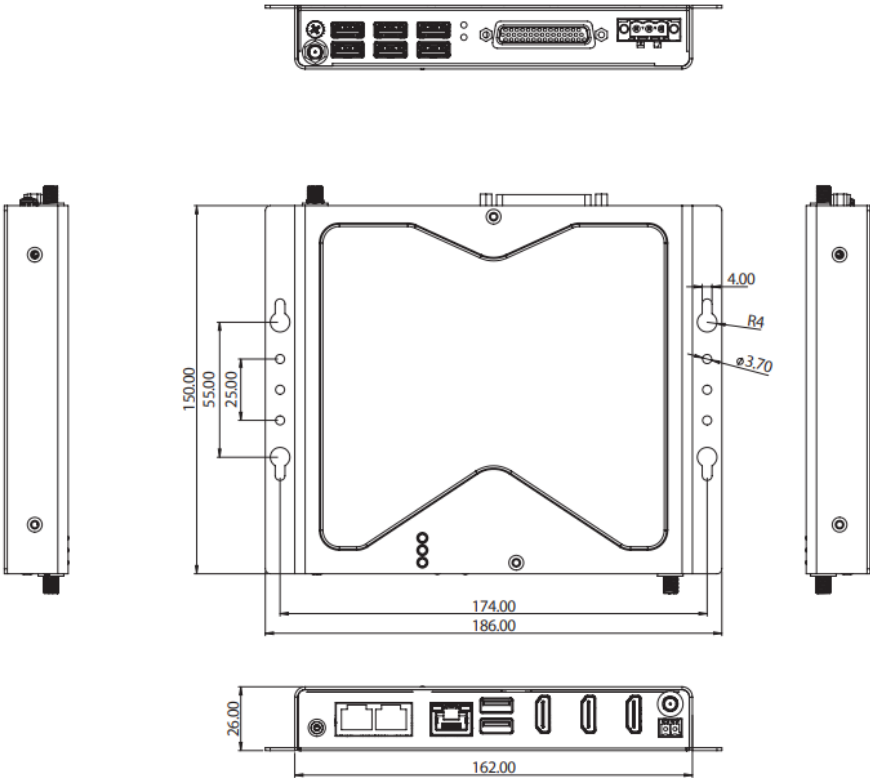
TECHNICAL INFORMATION

PROCESSOR	On board Intel® Celeron® processor J3455 Quad Core, 1.50GHz
SYSTEM MEMORY	1 x DDR3L SO-DIMM socket, support DDR3L 1866 8GB RAM max., un-buffered and non-ECC
DISPLAY	3 x HDMI
I/O INTERFACE-FRONT	ATX power on/off switch 3 x HDMI 3 x Intel® I210 GbE LAN ports; support WoL, teaming and PXE 2 x USB 2.0 (500mA per each) 1 x Antenna hole 1 x 2-pin remote power on/off switch
I/O INTERFACE - REAR	6 x USB 3.0 ports (900mA per each) 1 x DB44 serial port for 4 x COM port - COM1: RS232/422/485 with auto flow control and -- jumper-free setting - COM2 & COM3 & COM4: full RS232 signal LED indicator for TX/RX 1 x Antenna hole 1 x 3-pin DC input, support +9V to 30V DC input
I/O INTERFACE - INTERNAL	4 x GPI and 4 x GPO (programmable to GPI or GPO) 1 x Nano-SIM card holder
STORAGE DEVICE	1 x mini-PCIe socket for optional mSATA
EXPANSION SLOT	1 x mini-PCIe socket for optional Wi-Fi/BT/4G LTE
POWER REQUIREMENTS	Power input: +9 to +30V DC 1 x Optional 24V, 60W power adapter
SUPPORTED OS	Windows 10 64-bit Linux Kernel
DIMENSIONS	162mm(W) x 26mm(H) x 150mm(D) without wall-mount bracket
MECHANICAL CONSTRUCTION	Metal Chassis with fanless design
ENVIRONMENT	Operating temperature Ambient with air flow: -5°C to 55°C (according to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14) Storage temperature: -20°C to 75°C Relative humidity: 10% to 95% (non-condensing) Shock protection - mSATA: 50G, half sine, 11ms, IEC60068-2-27 Vibration protection with mSATA condition - Random: 2Grms @ 5~500 Hz, IEC60068-2-64 - Sinusoidal: 2Grms @ 5~500 Hz, IEC60068-2-6

► TECHNICAL INFORMATION (CONTINUED)

CERTIFICATIONS	CE FCC Class A
OPTIONS	24V, 60W AC/DC power adapter w/o power cord

► MECHANICAL DRAWING



► Company Address

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