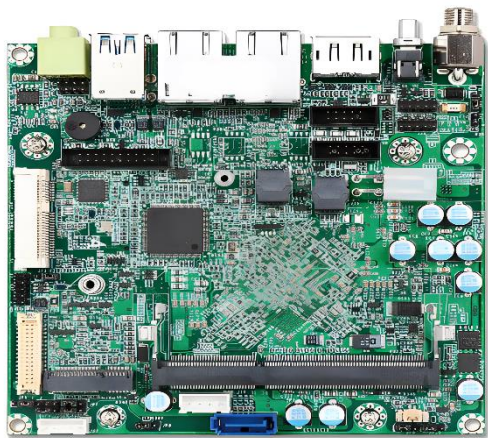


NTX-27006

Intel® Pentium® and Celeron® based Nano-ITX Board



FEATURES

- Intel® Pentium® and Celeron® processors.
- DDR3L 1600/1333 MHz memory, 1x 204 pin SODIMM socket, up to 8GB.
- Triple independent display by VGA, DisplayPort, and dual-channel LVDS.
- 1x SATA III, 1x mSATA, 1x SD card.
- 1x M.2 socket (Type E).

NTX-27006	
PROCESSOR	Intel® Pentium® and Celeron® Processors
BIOS	AMI UEFI BIOS (SPI ROM)
MEMORY	DDR3L 1600/1333 MHz memory (non-ECC), 1x 204-pin SODIMM socket, up to 8 GB
STORAGE DEVICES	1x SATA III port 1x mSATA 1x SD card socket
WATCHDOG TIMER	Programmable 1 to 255 minutes/seconds interval
HARDWARE MONITORING	CPU & system temperature Onboard voltages (CPU Vcore, 12V, 5V, 3.3V, RAM)
EXPANSION INTERFACE	1x M.2 socket (Type E, with PCIe x1, USB 2.0, SDIO, UART, and I²C signal)
AUDIO	Intel® High-Definition Audio interface, Realtek® ALC892 High-Definition Audio, 1x jumbo jack (Line-out/Mic-in)
ETHERNET	2x Gigabit Ethernet (Intel® I211-AT), 2x RJ45 connectors with LED on rear I/O
SERIAL PORT	1x RS-232/422/485 (selectable by BIOS, 2.0 mm pitch)
USB	2x USB 3.0 on rear I/O, 1x USB 2.0 on pin header (2.0 mm pitch)
GRAPHIC CONTROLLER	Integrated Intel® Generation 8 Graphics, Supports DirectX 11.1, OpenGL 4.2, OpenCL 1.2
DISPLAY INTERFACE	1x DisplayPort, resolution up to 3840 x 2160 @ 30Hz 1x VGA on pin header (optional cable required), resolution up to 1920 x 1200 @ 60Hz 1x dual-channel 24-bit LVDS connector, resolution up to 1920 x 1200 @ 60Hz
DIMENSION	120.0 x 120.0 x 21.0 mm (4.7" x 4.7" x 0.8") 120.0 x 120.0 x 25.0 mm (4.7" x 4.7" x 1.0") with passive heat spreader
POWER SUPPLY	12V DC-in
OPERATING TEMPERATURE	0°C to 55°C
STORAGE TEMPERATURE	-20°C to 85°C
RELATIVE HUMIDITY	5~95%, non-condensing
GPIO	8-bit
OTHERS	TPM 1.2 module (optional) on LPC pin header
MTBF	Over 100,000 hours at 40°C
CERTIFICATIONS	CE, FCC
WARRANTY	2 Years