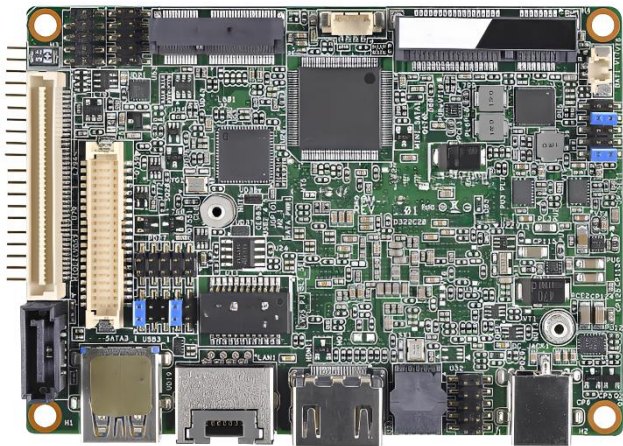


PTX-24002

Intel® Apollo Lake Processor based Pico-ITX Motherboard



FEATURES

- Intel® Apollo Lake SoC Processor N4200.
- Supports Single Channel DDR3L SO-DIMM 1867, up to 8GB.
- 1 x HDMI.
- 1 x USB 3.0 compatible with USB 2.0, 1 x SATA3.
- 1 x MIO, 1 x Mini PCIe and mSATA combo.
- 1 x M.2(Key E).
- 1 x Intel LAN.
- 12V DC-in.

PTX-24002	
CPU	Intel® Apollo Lake SoC Processor
CHIPSET	SoC
BIOS	AMI SPI 128 Mbit
DIMENSIONS	PICO-ITX (3.9-in x 2.8-in, 9.0 cm x 7.1 cm)
RAM	1 x 204-pin SO-DIMM, DDR3L 1866 MHz, 8 GB
GRAPHICS	Intel® Gen9 Graphics DX 12
HDMI	HDMI 1.4b Max resolution up to 4096 x 2160@24Hz
STORAGE	1 x Full size with SATA3 and USB 2.0, 1 x SATA3 (6Gb/s)
LVDS	Dual channel 24 bit up to 1920x1200@60Hz
MULTIDISPLAY	Dual Display
MINI PCIe	1 x Full size with USB 2.0
M.2	1 x Key E (2230) with PCIe x1 and shared USB 2.0 for Wireless
EXPANSION SLOT	1, (HDMI or DP, 1 x USB3.0, 1 x USB2.0, 3 x PCIe x1, Line out, LPC bus , SMBus)
AUDIO	Realtek ALC897, High Definition Audio. Line-out, Mic-in
ETHERNET	1 x RJ-45, Intel® I210IT with 10/ 100/1000 Mbps
USB	1 x USB 3.1 Gen1, 1 x USB 2.0 (2 x 2.54 pitch header)
COM	1 x COM1 (RS-232/422/485), 1 x COM2 (RS232)
GPIO	4 x GPI + 4 x GPO
LVDS	1 (Connector with LVDS/eDP signal, switch by BIOS)
INPUT PWR	12V DC-In
WATCHDOG TIMER	256 Segments, 0, 1, 2, ...255sec
SATA PWR OUTPUT	1
POWER ON	AT/ATX supported
OPERATING HUMIDITY	5% ~ 90%
OPERATING TEMP	0°C ~ 60°C
STORAGE TEMP	-40° C – 85° C
STORAGE HUMIDITY	5% ~ 90%
CERTIFICATIONS	CE, FCC
WARRANTY	1 Year