



ThinMini-ITX Form Factor
Intel Apollo Lake

PD10AI MT



All Solid
Capacitor



Thin
Mini-ITX



M.2
Support



High speed
USB3.0
X4



DC-in
8V-24V



DN2800MT
Transition

Features

Intel Apollo Lake N4200 / N3350 quad / dual cores processor

Intel HD graphics and Direct X 12 support

Dual channel DDR3L with two connectors for MAX. 8GB memory

Triple independent display from HD-Out, DP-out, and eDP / LVDS connectivity

Features high speed Gigabit Ethernet connection

Features 2 SATA 6Gb/s

Four Hi-Speed USB3.0 ports support

Two RS232 support, optional for four extra COM ports

One PCIe connector for the future Add-in card

Two M.2 slot for storage and wireless expansion

8 V to 24 V wide-range voltage input via back-panel DC jack or internal power connector

www.mitac.com





Item	Spec	
Form Factor	Low-profile Mini-ITX (20 millimeters [0.79 inches] x 170.18 millimeters [6.7 inches] x 170.18 millimeters [6.7 inches])	
Processor Chipset	Intel Apollo Lake Processor with integrated graphics (Compatible with N3350 and N4200)	
Memory	<ul style="list-style-type: none"> Support for dual channel DDR3L 1867 SO-DIMMs Support for up to 8 GB of system memory on a single SO-DIMM (or 4 GB each by 2 SO-DIMM) 	
	• 204-pin DDR3L SO-DIMM	2
Audio Controller	Realtek ALC283 audio codec	
Expansion Capability	• PCI Express 2.0 x 1 add-in card connector	1
	• M.2 (2242 / 2260 / 2280) with USB2.0 and SATA III signal for SSD	1
	• M.2 (2230) with PCIe1 and USB2.0 signal for wireless	1
External I/O	• DC-in Jack	1
	• HD-out	1
	• DP-out	1
	• line-out	1
	• Mic-in	1
	• USB 3.0 back panel connectors	4
	• RJ45	2
	• LVDS	1
	• eDP	1
	• Stereo speaker header	1
Internal I/O	• HD Audio / AC' 97 headphone / mic	1
	• USB 2.0 front panel ports	2
	• SATA 6Gb/s	1
	• SATA 6Gb/s port (multiplexed with an m.2 slot)	1
	• Serial port header	2
	• Parallel port header (Option with MiAPI header)	1
	• 4-pin system fan header	2
• 2 pin power connector	1	
SIO Controller	NCT6793D	
LAN Controller	Intel I211-AT (10 / 100 / 1000 Mb/s) Ethernet LAN controller *2	
BIOS	<ul style="list-style-type: none"> BIOS resident in a Serial Peripheral Interface (SPI) Flash device Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SMBIOS) 	
	Nuvoton NCT6793D based subsystem, including:	
Hardware Management	<ul style="list-style-type: none"> Voltage sense to detect out of range power supply voltages Thermal sense to detect out of range thermal values 	
	<ul style="list-style-type: none"> Operating Temperature: 0°C to +60°C Storage Temperature: -20°C to +70°C 	
Environment		
Safety	<ul style="list-style-type: none"> CE FCC 	

Packing List

- PD10AI Mainboard
- 50CM SATA Cable
- 45CM SATA Power Cable
- 2*IO Shield (Half and Full height)
- Driver CD
- Quick Guide