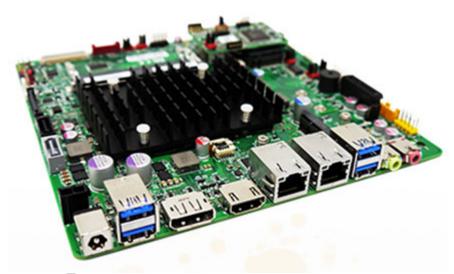


## Mitac PD10AI-N3350 (Intel DN2800MT4) Half-Height (Intel Apollo Lake N3350 2x2.4Ghz CPU, 8-24VDC) [FANLESS]

[http://www.cartft.com/catalog/il/1409]



189.95 EUR

incl. 19% VAT, plus shipping

- Intel Apollo Lake!
- 2x 1.86Ghz !
- 2x RS232!
- DVI!

Support: Specifications

This board is produced by MITAC, the OEM producer of Intel DN2800MT. This board is based on Intel DN2800MT, but is equipped with the moderm Intel Apollo Lake plattform. PD10RI is available until at least 2025.

- Intel Apollo Lake N4200/N3350 quad/dual cores processor
- Intel HD graphics and DriectX 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

Memory

Graphics

- · 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

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

Low-profile Mini-ITX (20 millimeters [0.79 inches] x 170.18 millimeters [6.7 inches])

Intel Braswell N3350 Processor with integrated graphics

- 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
  - Integrated graphics:
  - Digital displays (HD-Out)
  - · Internal flat panel displays:
  - LVDS
  - Embedded DisplayPort\* eDP\*
  - External graphics support via a PCI Express 2.0 x1 graphics add-in card connector
    - 2 + 2 Channel High Definition Audio ( HD Audio) using a Realtek\* ALC283 audio codec supporting:

- Analog stereo line-out (back panel jack) Audio
- In-chassis stereo speakers support (3 W/3  $\Omega$  via an internal header)



## Mitac PD10Al-N3350 (Intel DN2800MT4) Half-Height (Intel Apollo Lake N3350 2x2.4Ghz CPU, 8-24VDC) [FANLESS]

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| Expansion Capability  | PCI Express x1 add-in card     connector  1  |
|-----------------------|--|
|                       | <ul> <li>M.2 (2242/2260/2280) with</li> <li>USB2.0 and SATA III signal</li> <li>for SSD</li> </ul> |
|                       | M.2 (2230) with PClex1 and     USB2.0 signal for wireless  1                                       |
| Peripheral Interfaces | USB 2.0 front panel ports     2 (Header)   |
|                       | USB 3.0 back panel     connectors (blue)  4  |
|                       | • SATA 6.0 Gb/s 1  |
|                       | <ul> <li>SATA 6.0 Gb/s port         (multiplexed with an m.2 slot)</li> </ul>                      |
| Legacy I/O            | Legacy I/O Controller that provides:   |
|                       | Serial port header     2   |
|                       | Parallel port via an onboard   |
|                       | header (Option with MiAPI 1  |
|                       | header)  |
|                       | LAN Support 2x Intel I211-AT (10/100/1000 Mb/s) Ethernet LAN controller                            |
| BIOS                  | 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   | Voltage sense to detect out of range power supply voltages   |
|                       | Thermal sense to detect out of range thermal values  |
|                       | 2x 4-pin system fan header   |
| Power Requirement     | DC connectivity via back-panel DC jack(2.5mm/ ID, 5.5mm/ OD)                                       |
|                       | Internal 2 pin power connector   |
| Environment           | Operating Temperature: 0°C to +60°C  |
|                       | Storage Temperature: -20°C to +70°C  |
| Safety                | • CE   |
|                       | • FCC  |