



189.95 EUR incl. 19% VAT, plus <u>shipping</u>

Audio (HD Audio) using a

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

Support: **Support**:

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
- 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	Intel Braswell N3350 Processor with integrated graphics
Memory	 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
Graphics	 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 A
	Realtek* ALC283 audio codec supporting:

- Analog stereo line-out (back panel.jack)
- In-chassis stereo speakers support (3 W/3 Ω via an internal header)



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

• PCI Express x1 add-in card connector 1 • M.2 (2242/2260/2280) with USB2.0 and SATA III signal 1 • M.2 (2242/2260/2280) with USB2.0 and SATA III signal 1 • M.2 (2230) with PCIex1 and USB2.0 signal for wireless 1 • USB 2.0 front panel ports 2 (Header) • USB 2.0 front panel ports 2 (Header) • USB 3.0 back panel 4 connectors (blue) 4 • SATA 6.0 Gb/s 1 • SATA 6.0 Gb/s 1 • Legacy I/O • SATA 6.0 Gb/s • Parallel port via an onboard header 2 • Parallel port via an onboard header (Dption with MIAPI 1 header) LAN Support 2x Intel I211-AT (10/100/1000 Mb/s) Ethernet LAN controller BIOS • Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SIMBIOS) Hardware Management • Voltage sense to detect out of range power supply voltages • Thermal sense to detect out of range power supply voltages • Thermal sense to detect out of range power supply voltages • Thermal sense to detect out of range thermal values • 2x 4-pin system fan header • DC connectivity via back-panel DC jack(2.5mm/ ID, 5.5mm/ OD) • Internal 2 pin power conn	Shop for mobile PC- and GPS-Solutions	[http://www.cartft.com/catalog/il/1409]
Expansion Capability USB2.0 and SATA III signal 1 1 for SSD M.2 (2230) with PClex1 and USB2.0 signal for wireless 1 USB 2.0 fornt panel ports 2 (Header) USB 3.0 back panel 4 connectors (blue) 4 USB 3.0 back panel 4 connectors (blue) 1 SATA 6.0 Gb/s 1 SATA 6.0 Gb/s 1 SATA 6.0 Gb/s 0 Legacy I/O Controller that provides: Serial port header 2 Parallel port via an onboard header (Option with MiAPI 1 header) 2 LAN Support 2x Intel I211-AT (10/100/1000 Mb/s) Ethernet LAN controller Hardware Management Voltage sense to detect out of range power supply voltages Hardware Management Support Voltage sense to detect out of range power supply voltages Power Requirement Storage Temperature: -20°C to +60°C Environment OC Surage Temperature: -20°C to +70°C	Expansion Capability	1
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Peripheral Interfaces • USB 3.0 back panel connectors (blue) 4 Peripheral Interfaces • SATA 6.0 Gb/s 1 • SATA 6.0 Gb/s port (multiplexed with an m.2 slot) 1 • Legacy I/O • Legacy I/O Controller that provides: • Serial port header 2 • Parallel port via an onboard header (Option with MiAPI header) 1 Legacy I/O 2x Intel I211-AT (10/100/1000 Mb/s) Ethernet LAN controller BIOS • BIOS resident in a Serial Peripheral Interface (SPI) Flash device BIOS • Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SMBIOS) Hardware Management • Voltage sense to detect out of range power supply voltages • Zx 4-pin system fan header • DC connectivity via back-panel DC jack(2.5mm/ ID, 5.5mm/ OD) • Internal 2 pin power connector • Operating Temperature: 0°C to +60°C • Storage Temperature: -20°C to +70°C Stetav • CE		USB2.0 signal for wireless
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• CE	Environment	
	Safety	• CE