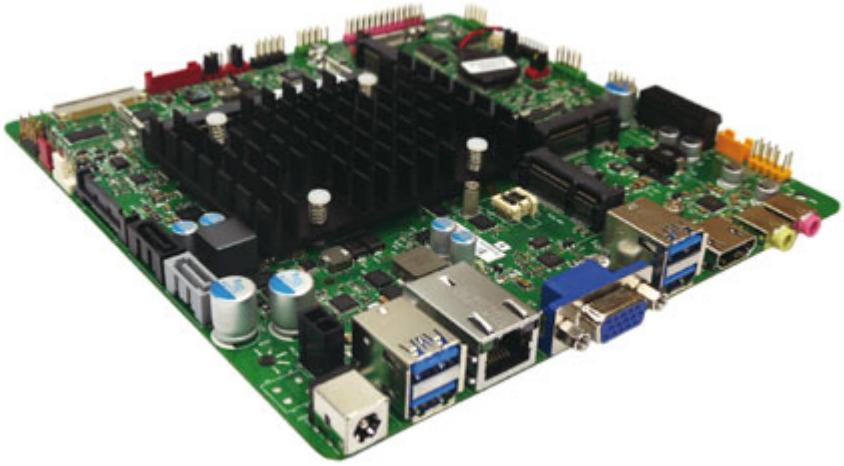

189.95 EUR
incl. 19% VAT, plus shipping

- Intel Braswell !
- Mini-PCI Express !
- 2cm height !
- 10-19VDC Input !

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 Braswell plattform. PD10RI is available until at least 2025.

- Intel Braswell N3160 quad cores processor
- Intel HD graphics and DriectX 11 support
- Dual channel DDR3L with two connectors for MAX. 8GB memory
- Triple independent display from HD-Out, VGA, and Embedded Display-Port* / LVDS connectivity
- Features high speed Gigabit Ethernet connection
- Features 2 SATA 3Gb/s
- Four Hi-Speed USB3.0 ports support
- Two Power RS232
- One PCIe connector for the future Add-in card
- Two PCI Express Mini Card connector for expansion card
- 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 N3160 Processor with integrated graphics
Memory	• Support for dual channel DDR3L 1066/1333 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
Graphics	• Integrated graphics: • Digital displays (HD-Out) • Analog displays (VGA) • Internal flat panel displays: • LVDS • Embedded DisplayPort* eDP* • External graphics support via a PCI Express 1.0a x1 graphics add-in card connector
Audio	• 2 + 2 Channel High Definition Audio (HD Audio) using a Realtek* ALC888S audio codec supporting: • Analog stereo line-out (back panel jack) • In-chassis stereo speakers support (3 W/3 Ω via an internal header)

Expansion Capability	• PCI Express x1 add-in card connector	1
	• PCI Express Full-/Half-Mini Card slot	1
	• PCI Express Half-Mini Card slot	1
Peripheral Interfaces	• USB 2.0 front panel ports	5 (Headers)
	• USB 3.0 back panel connectors (blue)	4
	• SATA 3.0 Gb/s	2
	• SATA 3.0 Gb/s port (multiplexed with an mSATA port, routed to the PCI Express Full-/Half-Mini Card slot)	1
Legacy I/O	• Legacy I/O Controller (NCT6683D) that provides:	
	• Powered RS232	2
	• Parallel port via an onboard header	1
	LAN Support	Realtek RTL8111G-CG Gigabit (10/100/1000 Mb/s) Ethernet LAN controller including an RJ-45 back panel connector with integrated status LEDs
BIOS	• BIOS resident in a Serial Peripheral Interface (SPI) Flash device	
	• Support for Advanced Configuration and Power Interface (ACPI), and System Management BIOS (SMBIOS)	
Hardware Management	Nuvoton NCT6104D based subsystem, including:	
	• Voltage sense to detect out of range power supply voltages	
	• Thermal sense to detect out of range thermal values	
	• 3-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	