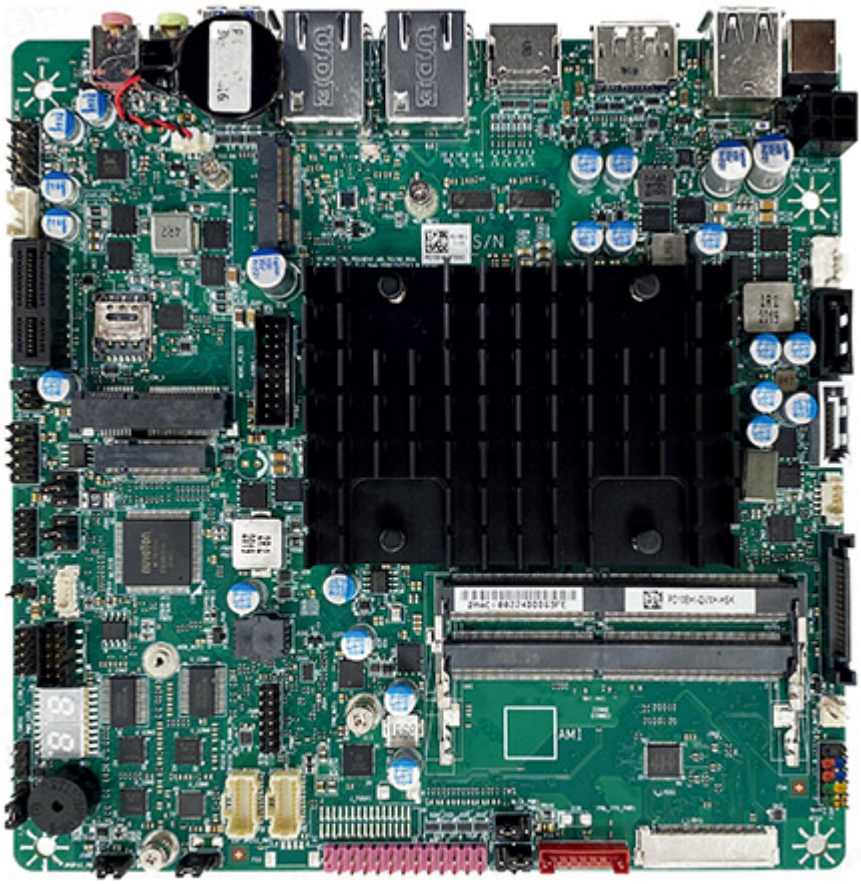
Mitac PD10EHI-N6415 (Intel DN2800MT5) Thin-ITX (Intel Elkhart Lake N6415 4x3.0Ghz CPU, 8-24VDC) [FANLESS]
[http://www.cartft.com/catalog/il/2942]



289.95 EUR
incl. 19% VAT, plus shipping

- Intel Elkhart !
- Dual INTEL LAN !
- Multi expansion Slot !
- up to 32GB RAM !

This board is produced by MITAC, the OEM producer of Intel DN2800MT. This board is based on Intel DN2800MT, but is equipped with the modern Intel Elkhart Lake plattform. PD10EHI is available until at least Q4/2027.

- Intel® Elkhart Lake ATOM/Celeron/Pentium BGA Processor (TDP up to 12W)
- Support 2 x DDR4 SO-DIMM (Up to 64GB)
- Support Triple Display for HDMI, DisplayPort, and LVDS/eDP
- Support 1 x PCIe X1 (Gen 2) slot, 2 x M.2 slot, 2 x SATA III and 1 x mPCIe slot
- 4 x USB2.0, 2 x USB3.1 Gen2, 6 x COM and 1 x Parallel Port / MiAPI (configurable digital I/O)
- 8V~24V wide voltage power input

MECHANICAL	FORM FACTOR	Mini-ITX: 6.7" x 6.7" (170 mm x 170 mm)

SYSTEM	PROCESSOR	Intel® Elkhart Lake Pentium N6415
	CHIPSET	Intel® SoC Integrated
	SYSTEM MEMORY	DDR4 3200 MHz / 2 x 260-pin SO-DIMM / Max. 32GB (Non-ECC)
	GRAPHICS	Intel® HD Graphics
	ETHERNET	2 x Intel® I211-AT Giga LAN
	AUDIO	Realtek® ALC256
	I/O CHIPSET	Nuvoton NCT6126D(eSPI)
	TPM	Nuvoton NPCT750AABYX TPM2.0 (Optional)
	EXPANSION SLOT	PCIe 3.0 X1 slot / M.2 3042 / 3052 / 2242 / 2260 / 2280 B key (USB2.0, SATAIII, *PCIex1) *Not support M.2 M Key NVMe SSD / M.2 2230 E key (PCIe, USB 2.0) / Mini PCIe Full size (PCIe / USB / SATA)
	BIOS	AMI BIOS
	H/W MONITOR	Temperature Monitor / Voltage Monitor / Fan Monitor
	WATCHDOG TIMER	1~255 steps by software program
	SMART FAN CONTROL	CPU Fan
GRAPHICS	VGA	-
	DVI	-
	HDMI	Up to 4K (4096 x 2160) @60 Hz
	DISPLAYPORT	Up to 4K (4096 x 2160) @60 Hz
	LVDS	Up to 1920 x 1200 @60 Hz
	eDP (Option)	Up to 4K (4096 x 2160) @60 Hz
REAR I/O	USB	2 x USB 2.0 / 2 x USB 3.1 Gen 2
	DISPLAY I/O	1 x HDMI 1.4 / 1 x DisplayPort 1.4
	AUDIO I/O	1 x Mic-in / 1 x Line-out
	LAN I/O	2 x RJ-45
	SERIAL PORT	-
	PS/2 PORT	-
	OTHERS	DC-in Jack 8-24V (2.5 mm / ID, 5.5 mm / OD)
INTERNAL CONNECTORS	STORAGE	1 x SATA power header / 2 x SATAIII (Multiplexed with M.2 and mSATA ports)
	USB	2 x USB 2.0
	DISPLAY I/O	1 x Backlight Connector / 1 x LVDS / 1 x eDP
	AUDIO I/O	1 x Stereo Speaker Header / 1 x Audio Header (Front Panel Mic-in & Line-out)
	SERIAL PORT	2 x RS232 / (Extra 1 x RS232/422/485 Header + 3 x RS232 Header for Option. Max. 6 x COM by Option)
	PARALLEL PORT	1 x Parallel Port Header (Optional) / 1 x MiAPI Header
	GPIO	-
	FAN	1 x 4-pin System Fan Header
	POWER	1 x 4-pin ATX Power Connector / 1 x 8~24V 4-pin Power Connector
	OTHERS	1 x CMOS Jumper / MiAPI: Programmable header (support 10 x GPIO, 1 x SMBUS, 1 x UART, 1 x Watchdog) with API library supported for Windows OS / 1 x panel power select header

POWER REQUIREMENT	POWER INPUT	DC-in 8~24V (2.5 mm / ID, 5.5 mm / OD) / ATX 4-pin
ENVIRONMENTAL	OPERATING TEMPERATURE	0 ~ 60°C (32 ~140°F)
	STORAGE TEMPERATURE	-40 ~ 85°C (-40 ~185°F)
	OPERATING HUMIDITY	10% ~ 95% R/H (Non-condensing)
	CERTIFICATION	CE / FCC Class B
OS	OS SUPPORT	Windows® 10 64-bit / Linux (support by request)
PACKING LIST	PACKAGE	1 x Motherboard / 1 x 50 cm SATA Cable / 1 x 45 cm SATA Power Cable / 2 x I/O Bracket (Half and Full Height) / 1 x Quick Installation Guide