



iTXL-Q370A

Thin Mini-ITX with 8th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 1 x COM, 11 x USB, 4 x SATA 6Gb/s

Key Features

- Thin Mini-ITX form factor
- Supports 8th Generation Intel® Core™ Processors
- Dual Channel DDR4, 2 x SO-DIMMs
- 1 x GbE LAN port
- 4 x SATA 6Gb/s ports
- HDMI2.0, Display Port, LVDS ports for multiple display
- Realtek ALC887 audio codec
- 1 x RS232 COM port

Application

SPECIFICATION

Thin Mini-ITX with 8th Generation Intel® Core™ Processor, Dual channel DDR4 memory, PCIe, 1 x COM, 11 x USB, 4 x SATA 6Gb / s

FORM FACTOR	Thin Mini-ITX 170W x 170D(mm)
CPU	Support for 8th Generation Intel® Core™ i7 processors/ Intel® Core™ i5 processors/ Intel® Core™ i3 processors/ Intel® Pentium®processors/ Intel® Celeron® processors in the LGA1151 package TDP under 65W L3 cache varies with CPU
SOCKET	1 x LGA 1151
CHIPSET	Intel® Q370 Express Chipset
MEMORY	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory Dual channel memory architecture Support for DDR4 2666/2400 MHz memory modules
ETHERNET	1 x GbE LAN port (Intel® i219LM)
VIDEO	Integrated Graphics Processor - Intel® HD Graphics support: 1 x HDMI port, supporting a maximum resolution of 4096x2160@60Hz 1 x DP port, supporting a maximum resolution of 4096x2160@60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1080@60Hz * Support up to 3 displays at the same time * Support for HDMI 1.4 version * Maximum shared memory of 1024MB
AUDIO	Realtek ALC887 + ALC105 Amplifier High Definition Audio
STORAGE	4 x SATA 6Gb/s ports
EXPANSION SLOTS	1 x PCIe x 4 (Gen3 x 4 bus) slot 1 x M.2 slot: - M-key - SATA 6Gb/s & PCIe - Supports NGFF-2260/2280 cards 1 x M.2 slot: - E-key - Supports NGFF-2230
INTERNAL I/O	1 x 2-pin ATX main power connector 4 x SATA 6Gb/s connectors 5 x USB 2.0 headers 2 x USB 3.0 headers

	<ul style="list-style-type: none"> 1 x Front panel header 1 x Front panel audio header 1 x 3W Speaker out header 1 x DMIC header 1 x LVDS connector 1 x FPD (For LVDS 19V) 1 x FPD_SW 1x3 (For Panel Power SW) 1 x LCD_VCC Pin header 1 x Back Light Switch 1 x System fan header 1 x CPU fan header 1 x COM Header (RS-232) 1 x SATA Power connector
REAR I/O	<ul style="list-style-type: none"> 2 x Audio jacks (Line out, Mic in) 1 x HDMI 2.0 1 x Display Port 1 x RJ45 4 x USB3.1 1 x DC Jack (+12V/+19Vdc)
TPM	1 x TPM Header
OS COMPATIBILITY	Windows 10 (x64)
PSU CONNECTORS	<ul style="list-style-type: none"> 1 x DC-in (+12/+19VDC) 1 x 2-pin ATX power connector
OPERATING PROPERTIES	<ul style="list-style-type: none"> Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing)
PACKING CONTENT	<ul style="list-style-type: none"> BOX Packing Capacity: 10pcs Carton size: 460 x 345 x 203(mm) Content: IO Shield x 1 (12AIO-MCH370-00R)
ORDER INFORMATION	9MCQ37AIMR-SI
OPTIONAL KIT	<ul style="list-style-type: none"> TPM 1.2 module: 9CMUFLNR-00 TPM 2.0 module: 9CTM000NR-00