iTXL-Q47EA – Thin Mini-ITX Motherboard with Intel® 10th Generation Support

The iTXL-Q47EA is a Thin Mini-ITX Motherboard with support for Intel® 10th generation processors. This board has support for three independent display outputs and a full 16 lane PCIe slot. The iTXL-Q47EA has many I/O options and a small footprint, allowing for deployment in tight spaces while maintaining functionality.

SPECIFICATIONS

CPU	Support for 10th Generation Intel® Core™ i9/i7/i5/i3, Pentium®, & Celeron® processors, TDP under 65W
CPU Socket	LGA 1200
Memory Type	260-pin DDR4 2933/2666/2400 MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	64GB
Chipset	Intel® Q470E Express
Integrated Graphics	Intel® HD Graphics
Video	1 x HDMI, 1 x DisplayPort, 1 x LVDS, 1 x eDP
LAN Ports	1 x Intel® I219-LM Gigabit LAN, 1 x Intel® I211-AT Gigabit LAN
Serial ATA (SATA)	4 x SATA III (Supports RAID 0/1/5/10)
GPIO Interface	1 x GPIO 8-bit
TPM	1 x TPM Header (Optional Infineon SLB9665TT2.0)
Extended Interface	1 x PCIe x16 (Gen3 x8), 1 x M.2 M-Key 2280 (PCIe x4, SATA 6Gb/s), 1 x M.2 E-Key 2230
Rear I/O	1 x HDMI, 1 x DisplayPort, 2 x LAN, 4 x USB 3.2 Gen1x1, 1 x Mic In, 1 x Line Out, 1 x DC Input Jack (12V / 19 ~ 24V)
Internal I/O	6 x USB 2.0, 1 x LVDS, 1 x eDP, 1 x RS-232/422/485, 1 x RS-232, 4 x SATA III, 2 x SATA Power, 1 x GPIO & SMBUS header
Audio	Realtek® ALC897 HD Audio
Power Requirement	12V DC input 4-pin ATX, DC Jack (12V / 19 ~ 24V)
Dimensions	6.7" x 6.7" (170mm x 170mm)

Operating Temperature	32 ~ 140°F (0 ~ 60°C)
Storage Temperature	-40 ~ 185 °F (-40 ~ 85 °C)
Relative Humidity	0 ~ 90%, non-condensing
OS Software Supported	Windows 10 64-bit
Global P/N / SKU	2809137

Ordering Options

9MQ47EATMR-SI (SKU# 2809137A): Thin Mini-ITX Motherboard