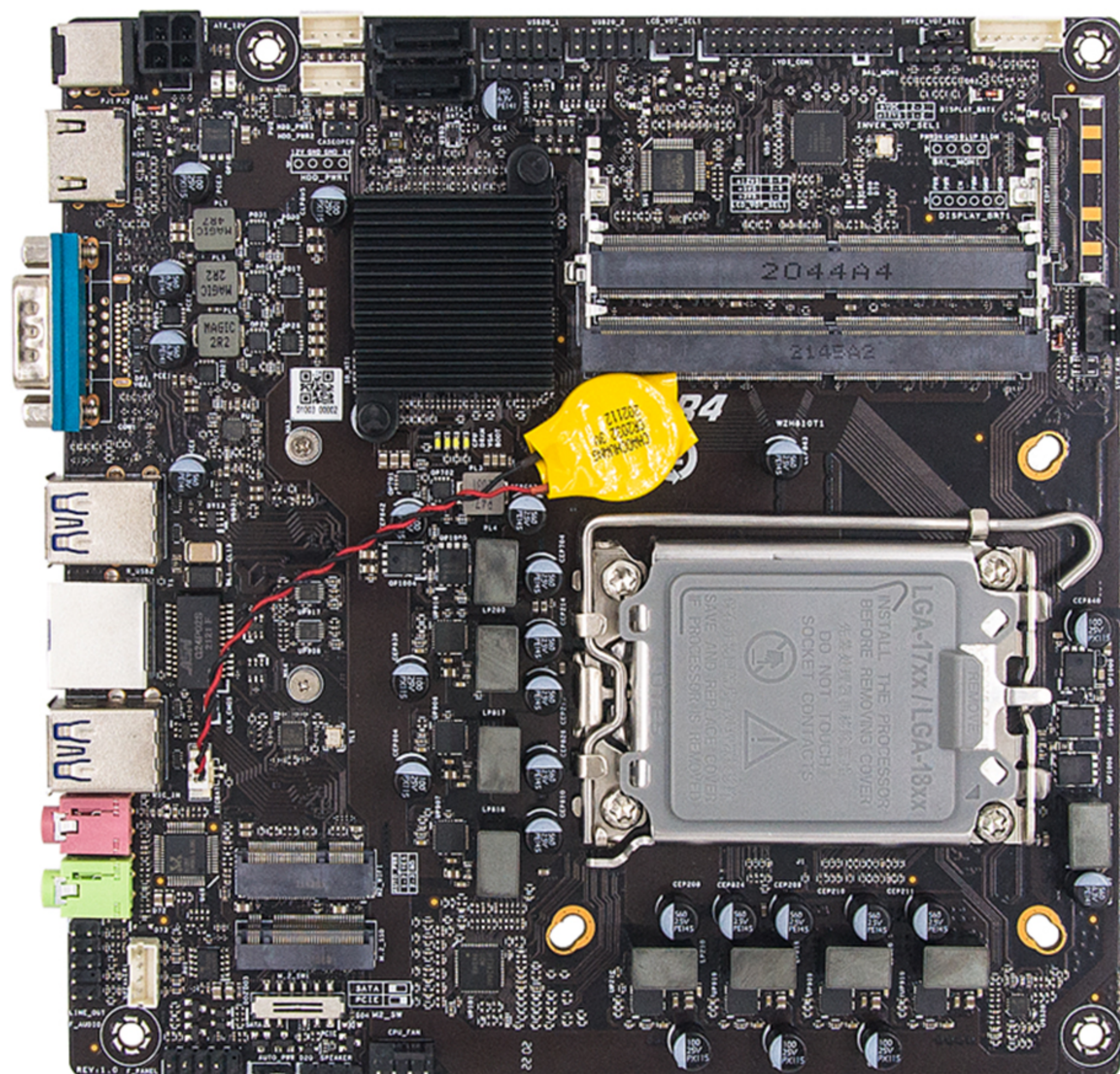


TH610/TB660-D4 v2.0 Specification	
CPU	Support 12Gen Intel core I9,I7, I5, I3 Pentium, Celeron Processor in 1700Pin (Support up to 65W)
CHIPSET	INTEL H610/B660
Graphics	By CPU
Memory	2 x DDR4 SO-DIMM sockets supporting up to 32GB of system memory
	Support for DDR4 3200 MHz memory modules
Audio	Realtek® ALC897 codec;6 Channel HD Audio (Colay ALC662, Default ALC897)
LAN	Realtek 8111H Support 100/1000Mbps
Storage Interface	2 x SATA 6Gb/s connector
USB	4 x USB 3.0 ports on back Panel Connectors
	2x USB 2.0 ports on Front panel header Connectors
	1 x USB3.0 ports on Front panel header Connectors (Only B660)
Expansion Slots	1 x M.2 Socket 1 with E key Type 2230 connector for the wireless communication module (M2_WIFI)
	1 x M.2 Socket 3 with M key Type 2242/2260/2280 connector for SATA SSD OR PCIE SSD ,Default SATA, (toggle switch control)
Internal Connectors	1 x Front panel header; Rest/HDD LED/Power LED/Power Switch
	2 x SATA 6Gb/s connector
	2 x 4Pin SATA_Power connector
	1 x LVDS 2*15pin Header support 1920*1080@60Hz (TR5511) With detection (HDP detection), Colay EDP, EDP default not attached (put front) *only choose between two functions
	2 x USB2.0 Header (2*5pin)
	1 x AUTO PW 1*3Pin
	1 x USB3.0 header (Only B660)
	1 x COM (2*5pin)
	1xTPM (2*7 pin)
	1 x INVERTER 1*6Pin
	1 x Speaker 1*4Pin
	1 x LCD_VOL_SEL (2*3pin With jump cap) 3.3V/5V/12V Optional (Default 5V)
	1 x INV_VOL_SEL (1*3pin) Backlit voltage 12/19V (Default 12V)
	1 x CPU Fan Header 1*4Pin (With Smart Fan)
	1 x SYS Fan Header 1*4Pin (With Smart Fan)
	1 x RTC Battery holder
	1 x CLR CMOS Header (1*3pin With jump cap)
	1x Cass Open
	1 x Front panel Audio (2*5pin)
Back Panel Connectors	1 x 2-Audio Connectors (Audio&Mic)
	1xRJ45 port +4xUSB 3.0 ports
	1 x HDMI port
	1 x DP Colay VGA
	1 x DC JACK 19V COLAY ATX 4PIN (7.5mm colay 5.3mm, 5.3mm default)
BIOS	AMI UEFI BIOS
Form Factor	170mm x170mm