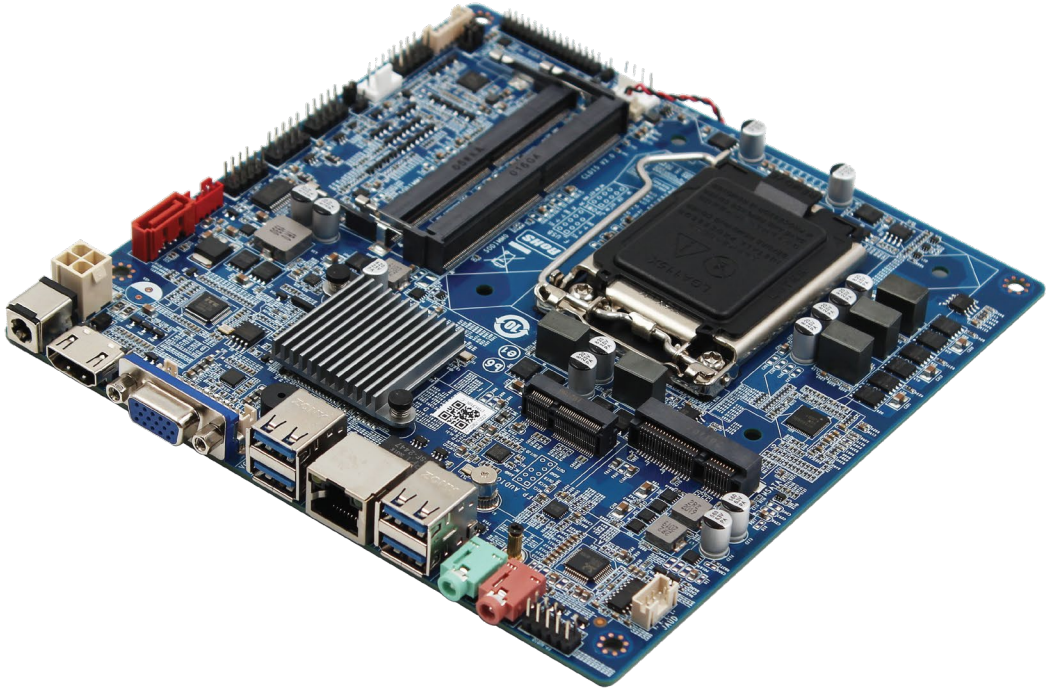
PRODUCT DATASHEET
HW Rev.: V2.0

CLD15

Intel® 6th/7th/8th/9th Gen Desktop Series with H310C chipset based Mini ITX Motherboard



Features

- CPU: Intel® 6th/7th/8th/9th Gen Desktop Processor + H610 Chipset
- Memory: Dual Channel SO-DIMM DDR4 up to 64GB
- Display: Integrated Intel® Graphics display via HDMI 1.4+LVDS+VGA
- Ethernet: 10/100/1000 Mbps
- Storage: SATA3.0, mSATA
- Expansion: M.2 Key E for WiFi and Bluetooth
- Power: 19V DC input

intel prestige partner Builder

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Introduction

The Maxtang CLD15 is a compact Mini-ITX motherboard built for all-in-one (AIO) applications, powered by 6th–9th Gen Intel® Desktop Processors (≤65W) on the LGA1151 socket. With the Intel® H310C chipset and support for up to 64GB dual-channel DDR4, it delivers reliable performance for demanding workloads. Integrated Intel® Graphics enable triple-display output via VGA, HDMI 1.4, and LVDS, making it ideal for digital signage, kiosks, and interactive systems.

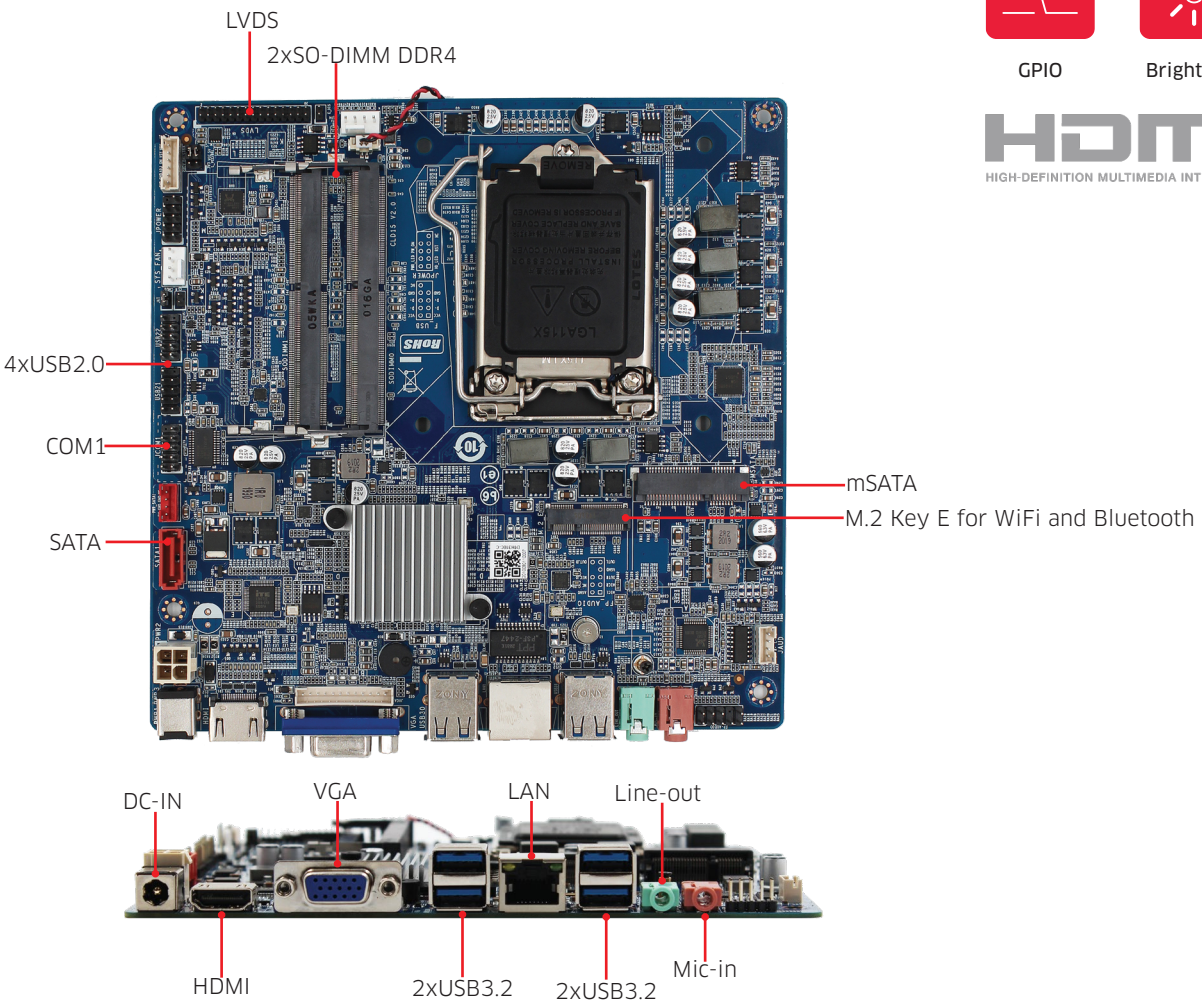
Designed with flexibility, the CLD15 features 1GbE LAN, Realtek HD audio, and versatile I/O including 4 USB 3.2, 4 USB 2.0, and one COM port. Storage is supported through mSATA and SATA3.0, plus an M.2 Key E slot for Wi-Fi/Bluetooth expansion. With wide temperature tolerance (-20°C to 60°C), 19V DC-IN power, and a durable 170mm x 170mm Mini-ITX form factor, the CLD15 provides a stable, long-life platform for a variety of AIO solutions.

Linux
ubuntu
Windows

H/W Monitor
Watchdog
GPIO
Brightness

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Interfaces

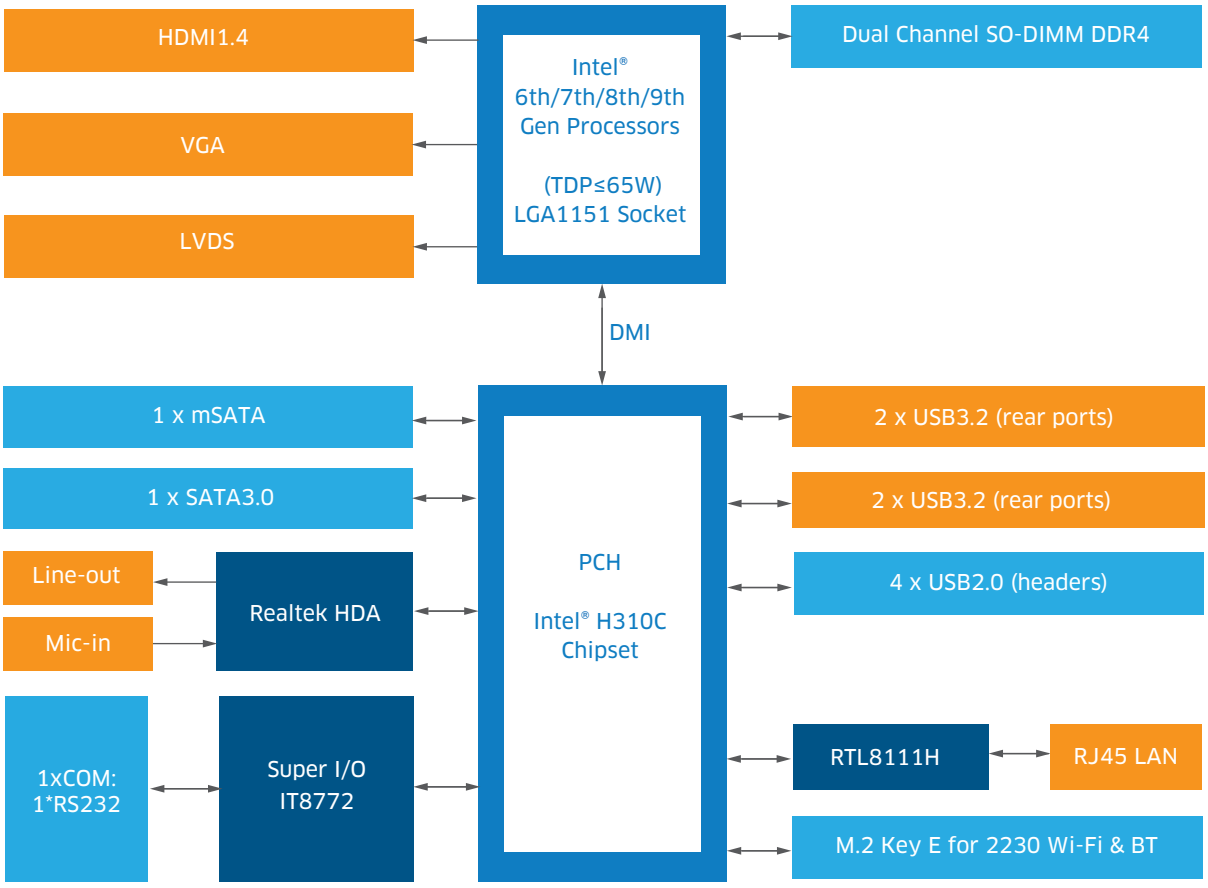


Technical Specifications

Processor	CPU	6th/7th/8th/9th Gen Intel® Desktop Series Processor
	TDP	≤65W
	Socket	LGA1151
	Chipset	Intel® H310C
	BIOS	AMI UEFI BIOS
Memory	Type	Dual Channel SO-DIMM DDR4
	Max.Capacity	64GB
Display	GPU	Integrated Intel® Graphics
	Interface	1 x VGA +1 x HDMI1.4 +1x LVDs
Ethernet	Controller	1 x RTL8111H, Date Rate Per Port:1.0GbE
	Interface	1 x RJ45
	Wake on LAN	Yes
Audio	Audio Codec	Realtek HD
	Interface	1 x Line-out, 1 x Mic-in, supports audio header and amplifier header
Hardware Monitoring		CPU system temperature, onboard voltage, watchdog, auto power on
Storage	mSATA	1 x mSATA
	SATA3.0	1 x SATA3.0
Expansion	M.2_E	1 x M.2 Key E for 2230 Wi-Fi and Bluetooth
Other I/O	COM	1 x COM: 1*RS232
	USB2.0	4 x USB2.0(headers)
	USB3.2	4 x USB3.2(rear ports)
Dimension	Size	170mm x 170mm
	Form Factor	Mini ITX
Power	Standard Port	19V DC-IN
	Peripheral Input	For Fan and SATA
Temperature	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 80°C
Operating System		Windows 10 64bit, Linux 64bit

* All specifications and photos are subject to change without notice.

Functional Block Diagram



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Order Information

Model Name	Description
DTH310C-C	DT Intel H310C CLD15 4USB3+LAN+2DDR4+VGA+DDI+LVDS

***For customized options, please consult regional sales. And please confirm the model name and description before purchasing.
***The model name and description might vary due to inventory changes.

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