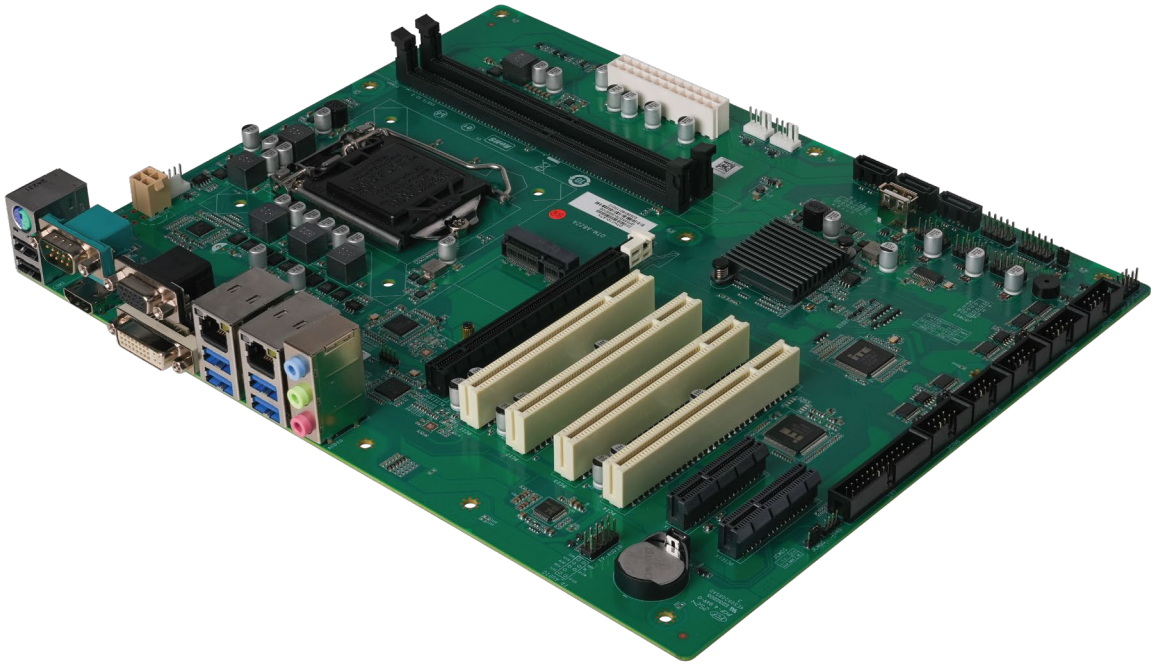
PRODUCT DATASHEET
HW Rev.: V2.0

SKD-75

Intel® 6th/7th/8th/9th Gen Core™, Pentium® Celeron®

ATX Motherboard with H110 Chipset



Features

- CPU: Intel® 6th/7th/8th/9th Gen Core™,Pentium®, Celeron®
- Memory: 2x UDIMM DDR4 Up to 64GB
- Display: Integrated Intel® HD Graphics, display via HDMI+VGA+DVI
- Ethernet: 10/100/1000 Mbps
- Storage: 3xSATA, 1xmSATA
- Expansion:1*PCIe16X+1*PCIe2X+1*PCIe1X
- Power: ATX_24PIN + 8PIN/4PIN

intel prestige partner Builder

Maxtang®
MAXIMIZING YOUR COMPUTING PRODUCTIVITY

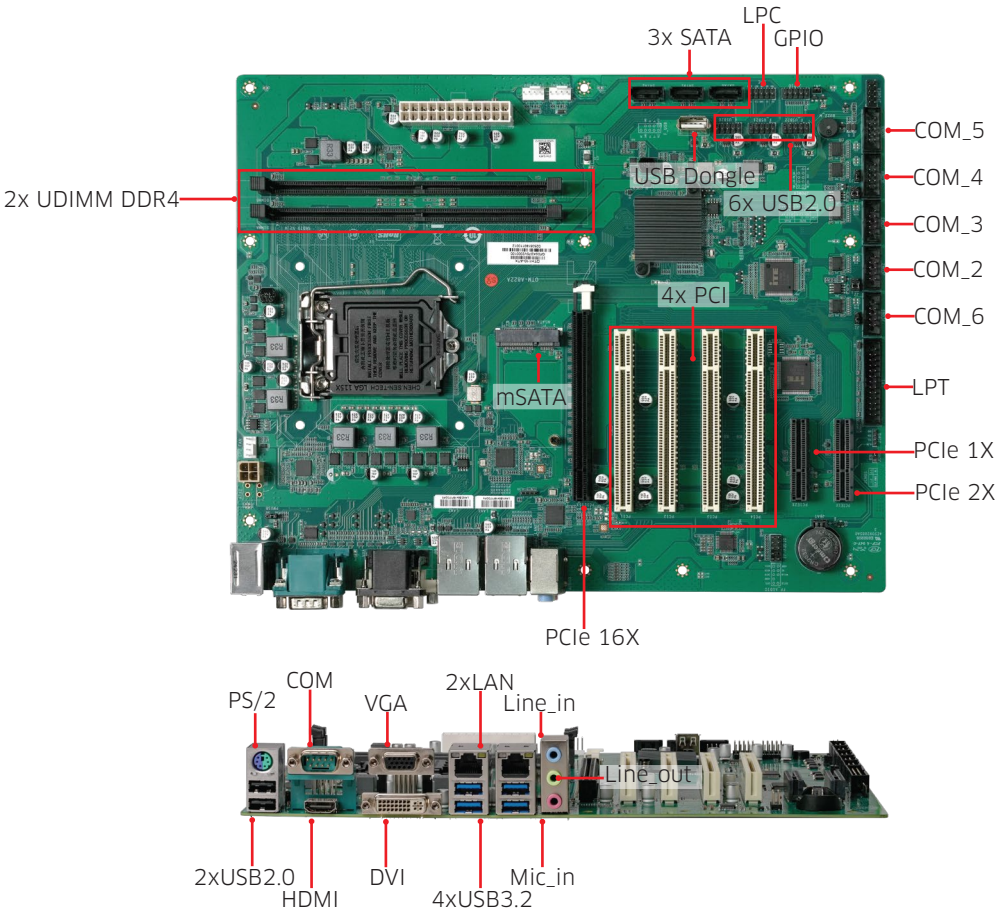
Introduction

The Maxtang SKD-75 industrial-grade ATX motherboard is designed to support Intel® 6th to 9th Gen Core™, Pentium®, and Celeron® processors with the FCLGA1151 socket and H110 chipset. Equipped with dual DDR4 UDIMM slots supporting up to 64GB of memory and integrated Intel® HD Graphics, it delivers reliable performance for demanding embedded and industrial applications. The board offers flexible display outputs (HDMI, VGA, DVI-D), rich I/O including 6 COM ports, 10 USB ports, legacy interfaces (LPT, PS/2), and dual GbE LAN options (Intel® i210 or Realtek RTL8111H). With a wide operating temperature range (-20°C to 60°C), 4 PCI and 3 PCIe expansion slots, and support for Windows and Linux OS, this platform is ideal for industrial automation, machine vision, transportation, and other mission-critical environments.

Linux
ubuntu
Windows

H/W Monitor
Watchdog
GPIO
Brightness

I/O Interfaces

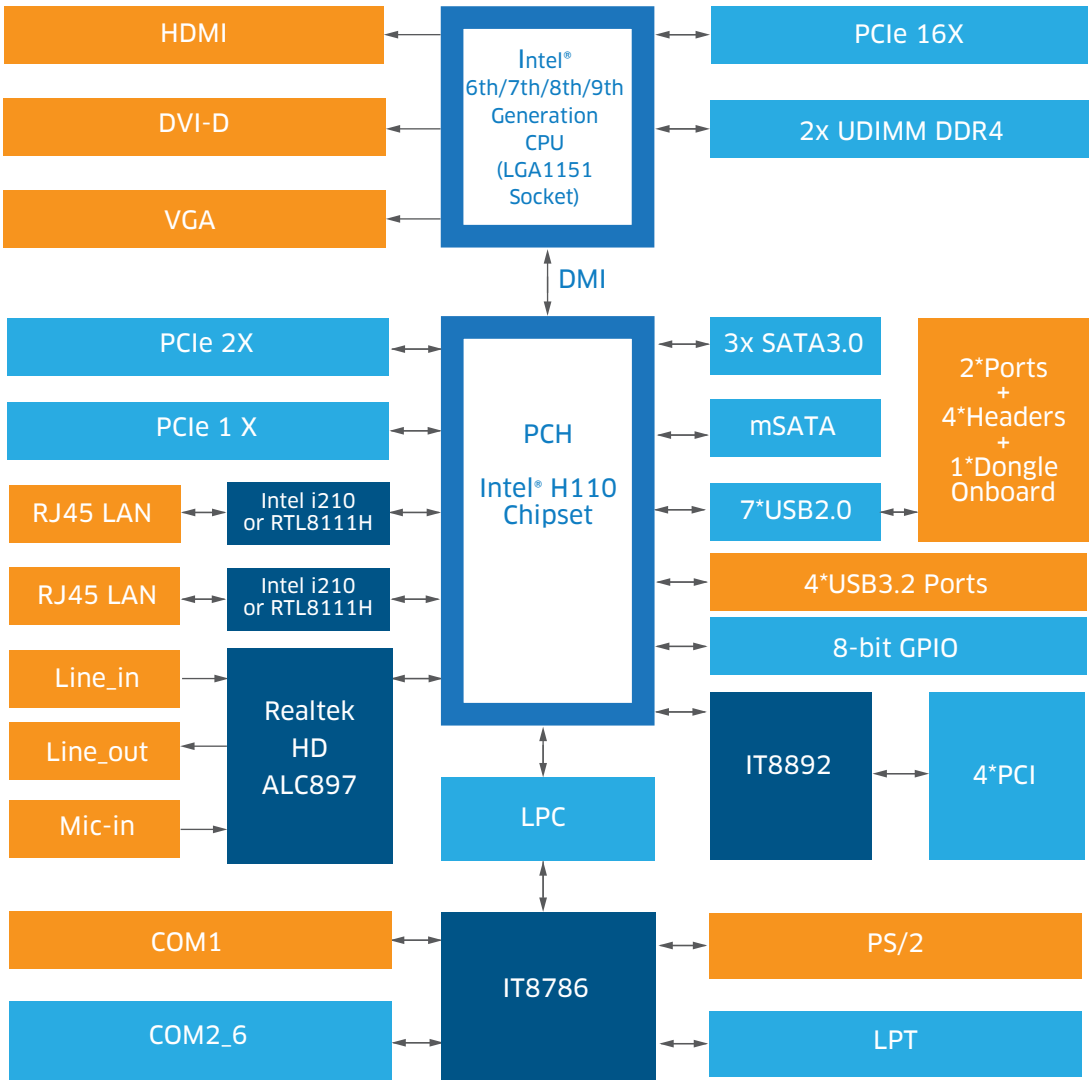


Technical Specifications

Processor	CPU	Intel® 6th/7th/8th/9th Gen Core™ i3/i5/i7, Pentium, Celeron® Processors
	Socket	FCLGA1151 Socket
	Chipset	H110
Memory	Type	2x UDIMM DDR4
	Max Capacity	Up to 64GB
Display	GPU	Integrated Intel® HD Graphics
	Interface	1xHDMI, 1xVGA, 1xDVI-D
Ethernet	Controller	Option 1: 2x Intel® i210
		Option 2: 2x Realtek RTL8111H
	Speed	10/100/1000Mbps
	Interface	2x RJ45
Audio	Audio Codec	Realtek ALC897 High-Definition Audio Codec
	Interface	1xLine-in, 1xLine-out, 1xMic-in
Hardware Monitoring		CPU system temperature, onboard voltage, watchdog
Storage	SATA	3
	mSATA	1
Expansion	PCI	4*PCI
	PCIe	1*PCIe16X +1*PCIe2X+1*PCIe1X
Other I/O	COM	6xCOM: 6*RS232 by default.
		The COM_2, COM_4 can be set as RS485 through jumper.
	USB2.0	6xUSB2.0: 2*ports+6*header
	USB3.2	4xUSB3.2: 4*ports
	USB Dongle	1xUSB(USB2.0) Dongle onboard
	PS/2	1x PS/2 for keyboard and mouse
	GPIO	8-bit
	LPT	1
	LPC	1
	Buzz_M	1
	TPM2.0	Daughter board support
Dimension	Size	305mm x 244mm
	Board Type	ATX
Power	Standard Port	ATX_24PIN + 8PIN/4PIN
	Peripheral Input	For Fan and SATA
Temperature	Operating Temp.	-20°C to 60°C
	Storage Temp.	-40°C to 80°C
Operating System		Windows 7/8/10/11, Linux

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

Functional Block Diagram



Order Information

Model Name	Description
DTH110-ATX-A	DT Intel H110 SKD75 ATX 2LAN(Intel i210) 6COM 1*PCIE16X+1*PCIE2X+1*PCIE1X+4*PCI
DTH110-ATX-B	DT Intel H110 SKD75 ATX 2LAN(Realtek RTL8111H) 6COM 1*PCIE16X+1*PCIE2X+1*PCIE1X+4*PCI

*For customization, please contact your regional sales representative. Confirm model details before purchase, as they may vary.

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