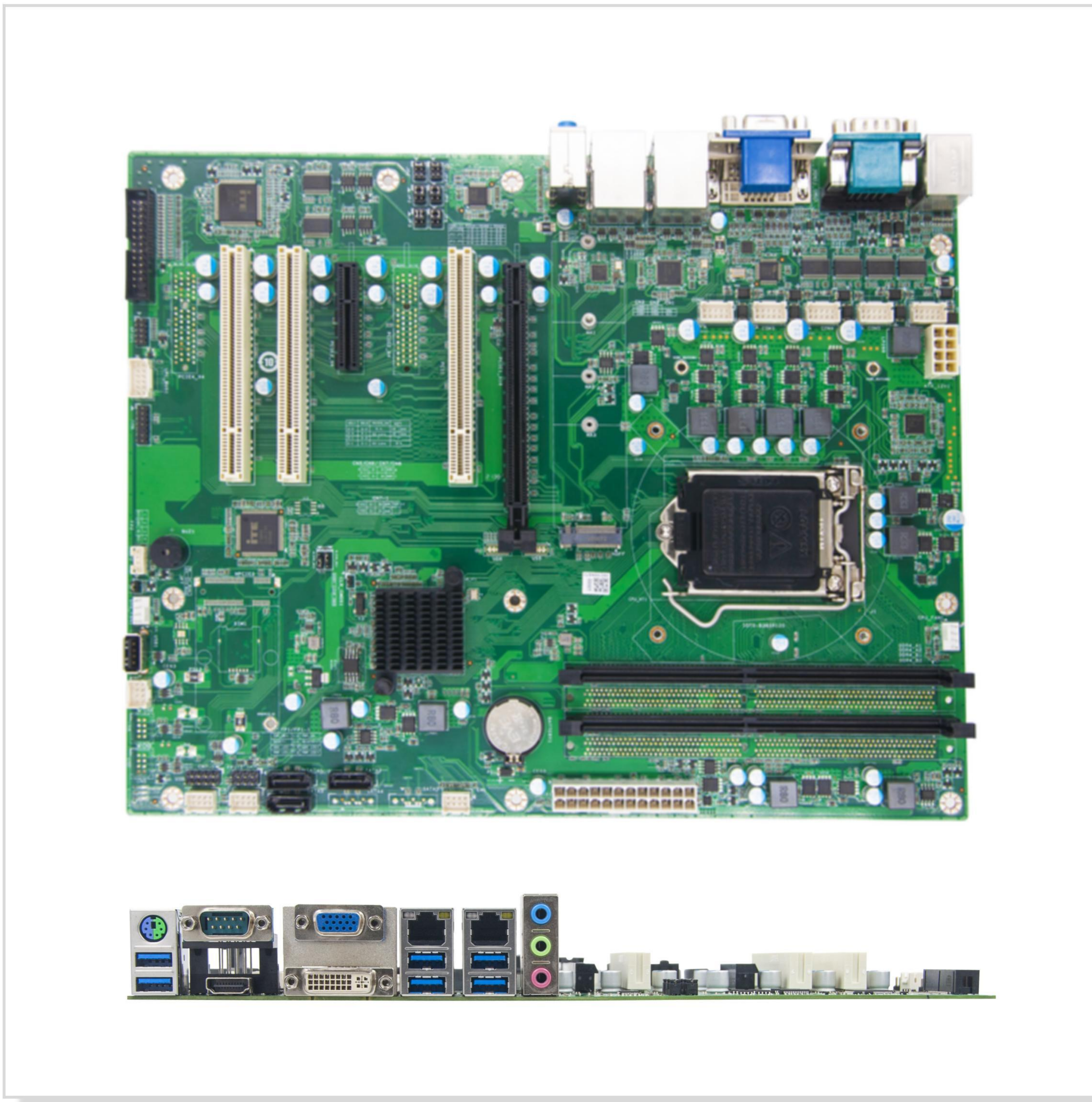


# ATX-GSH310CK

Intel® H310C Series Chipsets  
Standard ATX Motherboard



## Features:

- Adopt high-density PCB laminate structure to fully ensure signal shielding and improve system stability
- Snap-on interface design improves interface connection reliability and facilitates system maintenance
- Provide on-board encryption scheme (optional), which can realize software and hardware binding or key data storage and encryption
- Using Intel network chip to ensure high-speed and stable data transmission

## Specifications:

### Hardware Specifications

Processor	Support Intel® LGA1151 Gen6/7/8/9th i3/i5/i7 CPU, support Pentium®/Celeron® CPU	RAM	Provide 2 × 288PIN DDR4 2133/2400MHz/2666MHz DIMM memory slots, single 16GB, maximum support 32GB, 2400MHz requires intel 7th generation kabylake CPU support, 2666MHz requires 8th/9th generation coffeelake CPU support
Chipset	Intel® H310C	Power Supply	Adopt ATX power supply, support S0, S1, S4, S5
Memory	Provide 4 × SATA interface (support SATA3.0 standard, default support 3, maximum transfer rate 6Gb/s), 1 × M.2 (SATA3.0) interface (can support M-key 22110, 2280, 2260, 2242)		
Watchdog	255 levels, programmable sec/min, support timeout interrupt or system reset		

### I/O Ports

Display Interface	1 × DVI, 1 × VGA, 1 × HD, support independent dual display output; VGA supports maximum resolution 1920 × 1200@60HZ, 32bit color depth	I/O Ports	6 × COM, expandable to 10 RS232, among which COM1/COM2 supports RS-232/RS422/RS485 mode selection 6 × USB2.0 ports, 4 × USB3.0 ports are provided on the rear panel 1 × PS/2 keyboard/mouse interface 1 × 8 digital I/O interface 1 × LPT interface
Expansion Bus	Provide 1 × PCIe x16 slot, support PCIe3.0 specification; 1 × PCIe x4 slot (PCIe x4 signal), support PCIe2.0 specification; 3 × 32-bit PCI slot, support PCI Rev2.3 standard	LAN	Provide 2 × 10/100/1000Mbps network interface
Audio	Adopt HDA standard, support rear panel Mic-in, Line-in, Line-out		



## Environmental specifications

Operating temp. -10°C~60°C; 5%~95% (non-condensing state)      Storage temp. -20°C~80°C, 5%~95% (non-condensing state)

## Mechanical

Dimensions (LxW) 305mm\*244mm

## Ordering Information

ATX-GSH310CK      ATX structure single board/Intel® H310C chipset/support Gen6/7/8/9th i3/i5/i7 CPU, support Pentium® /Celeron® /2×DDR4 DIMM memory slot, total support 32GB memory/VGA/HD/DVI /3×SATA/1×M.2/2×Gigabit LAN/6×USB2.0,4×USB3.0/6×COM/1×Parallel/2×PS/2/HD Audio/1×8 bit GPIO/3×standard PCI slot/1×PCIe x4/1×PCIe x16/standard ATX power supply

## OS & Software Support

Standard OS      Ubuntu15.1  
 Red Hat® Enterprise Linux® 32, 64  
 Win7 SP1, 8.1, 10  
 WES 7

## Dimensions:

