

K5-F14H-1145G7

Intel Core I5-1145G7



Parameter list

CPU	Intel Core i5 1145G7 2.60GHz-4.40GHz	
Cores/Threads	4 Cores / 8 Threads	
Cache	8 MB Cache	
TDP	28W	
Architecture	Products formerly Tiger Lake	
Memory	2*DDR4L slot, max support 32G	
Storage	SSD (M.2 2280 SATA)	
	Optional HDD	
Audio Card	HD Audio realtek ALC 269	
Graphics	Intel® Iris® Xe Graphics	
Network	10/100/1000Mbps adaptive RTL 8111H	
Extendable	WIFI+BT Module (Mini PCIE), support 4G module with available sim slot	
OS Support	Windows 10、 11	
I/O Ports	4*USB3.0、 4*USB2.0、 2*HDMI、 2*DP、 1*RJ45、 1*DC、 1*MIC-IN、 1*LINE-OUT、 1*TYPE-C、 1*CLS	
Built-in socket	1.M2M KEY socket: H8.5mm supports 2280 (SATA and PCIE) 2.Battery socket: white 1*2pin (distance 1.25m) 3.M2E KEY socket: H8.5mm supports WIFI/WIFI6 4.MSATA socket: with Nano-SIM card slot (H9.0mm supports 3G/4G module) 5.2*DDR4 memory: Double D4=3200MT/S 6.Buzzer	
Boot Mode	PXE / Auto-power-on / Wake-on-LAN	
Intel Virtualization	Support	
Intel Hyper-Threading	Support	
Working Environment	Temperature: -10~60 °C	Relative Humidity: 0~95% (No Condensation)
Working Voltage	DC 12V - 5A	
Static Electricit	Contact discharge 2K, Air discharge 6K	
y Environment	Temperature: -10~60 °C	Relative Humidity: 0~95% (No Condensation)

BIOS Function

2 K5-F14H-1145G7

Intel Core I5-1145G7



I/O Port

01	POWER ON/OFF	02	USB3.0*4	03	Reset
04	Type-C	05	SPK	06	MIC
07	USB2.0*2	08	RJ45 Gigabit LAN	09	USB2.0*2
10	DP*2	11	HDMI	12	HDMI
13	DC12V Input				
Size	L 133.8mm*W 126.6mm*H 46mm			Weight	Net : 0.65kg Gross:1.5kg

Specification

Built-in Pin

- F-P1ane pin: 2*2pin (2.0 pitch) Dupont
- TPM pin: 14pin (2.0 pitch) SPI
- Fan seat: 1*4pin (1.25 pitch) with smart fan
- Speaker pin: 4pin (2.0 pitch) with walls
- USB2.0 pin: 4pin (2.0 pitch) with walls
- USB2.0 pin: 2*5pin (2.0 spacing) DuPont (available in dual network)
- SATA 3.0: Change to 2-in-1 interface, 1*12pin (1.25 pitch) according to the actual object
- JME and ATX-SEL: 2*3pin (2.0 pitch)
- ATX-DC: 4pin2.0 spacing) with walls

IC SI0 Chip: ITE8613; Power Chip: RT3612E03; Network Card Chip: RTL8111H; Sound Card Chip: ALC269

Features Adopting plastic top cover with aluminum alloy body; The upper cover adopts a hexagonal mesh shaped structure, with hidden air intakes and decorative strips, classic desgin

Heat Dissipation Active cooling (air cooling)

Bracket Dedicated bracket; Support VESA bracket

Packing Box Kraft paper color box + Anti-fall corrugated outer box

Packing List

Power Adapter * 1	Power Cable * 1	Bracket * 1
User Manual * 1	QA Card * 1	Screws * 1