

K5-F17F-1145G7

Intel Core I5-1145G7



Parameter list

CPU	Intel Core I5-1145G7 2.60 GHz-4.40 GHz
Cores/Threads	4 Cores / 8 Threads
Cache	8 MB Intel® Smart Cache
TDP	28W
Architecture	Tiger Lake
Memory	2*DDR4L slot, max support 32G
Storage	SSD (M.2 2280 SATA)
	Optional HDD
Audio Card	HD Audio realtek ALC 897
Graphics	Intel® Iris® Xe Graphics
Network	1 *Realtek 8111H Gigabit interface & 2* Intel I216-V network cards
Extendable	WIFI+BT Module (Mini PCIE), support 4G module with available sim slot
OS Support	Windows 10、 11 & Linux

I/O Ports	2*USB3.0、 2*USB2.0、 4*COM、 1*HDMI、 1*DP、 1*VGA、 2*LAN、 1*RJ11、 1*PS2、 1*D C、 1*Audio IN & OUT
Built-in socket	1 x M.2 M KEY 2280 slot, supports M.2 NVME/SATA 2280 interface hard disk, it can switches the hard disk compatibility mode through the pin 1 x M.2 E KEY 2230 slot, supports WIFI and Bluetooth modules 1 x M.2 PCIE slot, with SIM card slot, supports 5G module

BIOS Function

Boot Mode	PXE (by I226-V network card) / Auto-power-on / WDT / Scheduled-power-on
Intel Virtualization	Support VT-x,VT-d
Intel Hyper-Threading	Support
Working Environment	Temperature: -10~60 °C Relative Humidity: 0~95% (No Condensation)
Working Voltage	DC 12V - 5A
Static Electricity	Contact discharge 2K, Air discharge 6K
Storage Environment	Temperature: -10~60 °C Relative Humidity: 0~95% (No Condensation)

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					I/O Port			
01	PS2		02	RJ11		03	COM*4	
04	Audio IN/OUT		05	USB2.0*2		06	LAN	
07	LAN		08	USB3.0*2		09	Indicator Light	
10	HDMI		11	DP		12	VGA	
13	DC 12V		14	Wifi Antenna				
Size	L 197.4mm*W 126.3mm*H 47.5mm				Weight	Net : 1.0kg		Gross:1.8kg
								Specification
Built-in Pin	1* 2PIN PW_IN Phoenix terminal, 1* 12-1PIN TPM2.0 pin 2*6PIN M.2 hard disk mode switching pin, 2*4PIN switch and indicator light pins 3*9PIN USB2.0 pin, 1*4PIN CPU_FAN pin, 1*4PIN SPK power amplifier pin 1*4PIN SATA expansion hard drive 5V power supply interface 1*JATX-AT pin (set to start automatically after power on) 1*3PIN JP1 jumper RJ11 voltage pin 2*5PIN GPIO pin , RS232/485 switching pin							
Display Mode	Supports Triple display (HDMI+VGA+DP) Copy mode and Extended mode HDMI Max Resolution: 4096*2304@60HZ ; DP Max Resolution: 4096*2304@60HZ							
I/O Core Piece	Fintek F81966d-I							
Features	Use aluminum alloy shell, industrial style, heavy and solid, unique appearance design							
Heat Dissipation	Built-in fan cooling							
Bracket	Dedicated bracket; Support VESA bracket							
Packing Box	Kraft paper color box + Anti-fall corrugated outer box							
Packing List	Power Adapter * 1 User Manual * 1		Power Cable * 1 QA Card * 1		Bracket * 1 Screws * 1			