

Model	IPC6850
Installable Motherboard Model	QM6300 (Version: V1.1; Specification updated: February 28, 2024)
Chassis	Color: Grayish blue; Size: 286x205x76mm (LxWxH); Material: Metal. Option laser-engraving customized logo on the chassis; Option customized VESA mounting bracket.
External I/O Interfaces	1xDC_IN 12V or 19V, 1xDP, 1xHD-MI, 1xRJ45 LAN, 2xCOM, 4xUSB3.2, 4xUSB2.0, 1xLine-out. 1xMic-in, 1xPower button. Option 1xVGA, without COM, terminal block connector (Choosing other chassis IO shield).
Cooling System	With fan
Option Processor (FCLGA1700 Socket)	Support Intel 12th Generation Alder Lake Processors: i3-12100, i5-12400, i7-12700, i9-12900, etc; Support Intel 13th Generation Raptor Lake Processors: i3-13100, i5-13400, i7-13700, i9-13900, etc; Support Intel 14th Generation Raptor Lake Processors: i3-14100, i5-14400, i7-14700, i9-14900, etc.
Chipset	Support Intel® 600 Series Desktop Chipset: H610 Chipset
Memory	2xSODIMM 2133/2400/2666/2933/3200MHz DDR4 Memory sockets, up to 64GB RAM.
Storage	1xNGFF M.2 2280 NVME/SATA interface ; 1xSATA3.0 interface(Don't support 3.5-inch SSD/HDD).
Power Supply	Support DC input 12V or 19V; DC Jack 5.5x2.5mm; 150W power consumption.
Ethernet	1xRealtek 8111H 1000Mbps RJ45 LAN interface; Support Wake-on-LAN and PXE function.
Display Function	Integrated with Intel® UHD Graphics 730/770 in CPU; Support up to 2 displays. DP interface supports resolution 4096/3840x2160@60Hz; Option 1xVGA DB15 (1920 x1080@60Hz). HD-MI 2.0 interface supports resolution 4096/3840x2160@60Hz.
HD Audio	Integrated Realtek ALC897 HD Audio chip; Support 1xLine-Out, 1xMic-In interfaces.
Expansion Slot	1xM.2 Key-E 2230 socket with PCIE, USB signals (Support Wi-Fi & BT module).
Serial Port (COM Interfaces)	2xRS232 COM interfaces; By default, all COM interfaces support RS232. The COM1 can be chosen RS232/RS422/RS485 by BIOS setting. Option 2xRS485 at least, if you need,please inform us in advance.
Internal Pins/Slots	F_PANEL, AUTO_ON, CLR_CMOS, GPIO, etc.
CMOS Battery	CR2032 3V battery with wire (Detachable)
BIOS	AMI BIOS supports power on,timing switch,remote switch,intelligently identify devices. Option UEFI Secure Boot; Option Trusted Platform Module (TPM) version 2.0; Option customized boot logo in OS.
Watch Dog	Watchdog programming; Support hardware reset function (256 levels, 0~255 seconds).
Operating Environment	Operating temperature: -10°C~60°C; Working humidity: 5%~95% Relative humidity, no condensation.
Support OS	Compatible with Windows 11 / 10 , Linux.
Warranty	12 months