

JRPHIX03 Intel Raptor Lake Refresh-HX 2DIMMS Desktop Motherboard

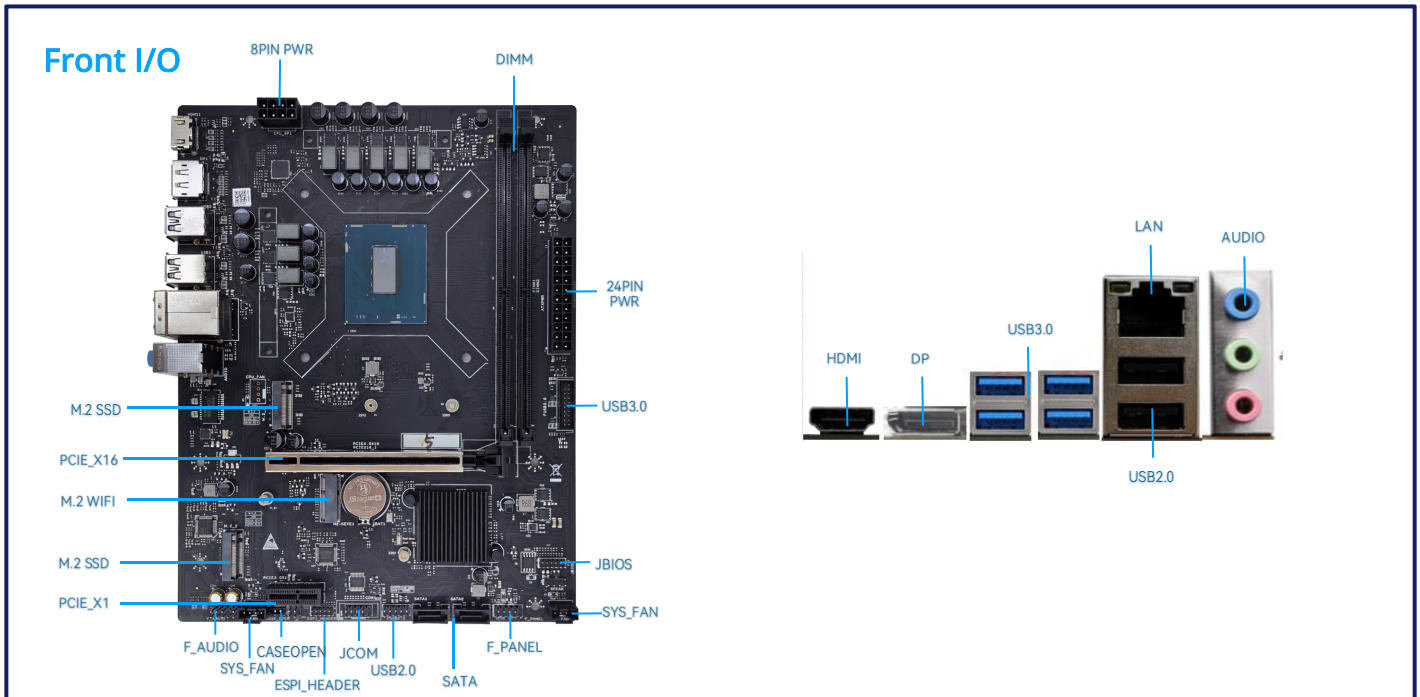


- Intel Alder Lake/Raptor Lake/Raptor Lake Refresh-HX
- 2 x U-DIMM DDR5 (MAX 64GB)
- 2 x M.2 2280 SSD, 2 x SATA Gen3 Port
- M.2 WIFI Key E 2230 (WIFI+BT+CNVI)
- 10 x USB2.0/3.0
- 1 x HDMI2.0, 1 x DP1.4
- Gigabit Ethernet Card, support LAN wake-up
- 6+1+1PHASE power supply, CPU max PL1: 90W, PL2: 160W

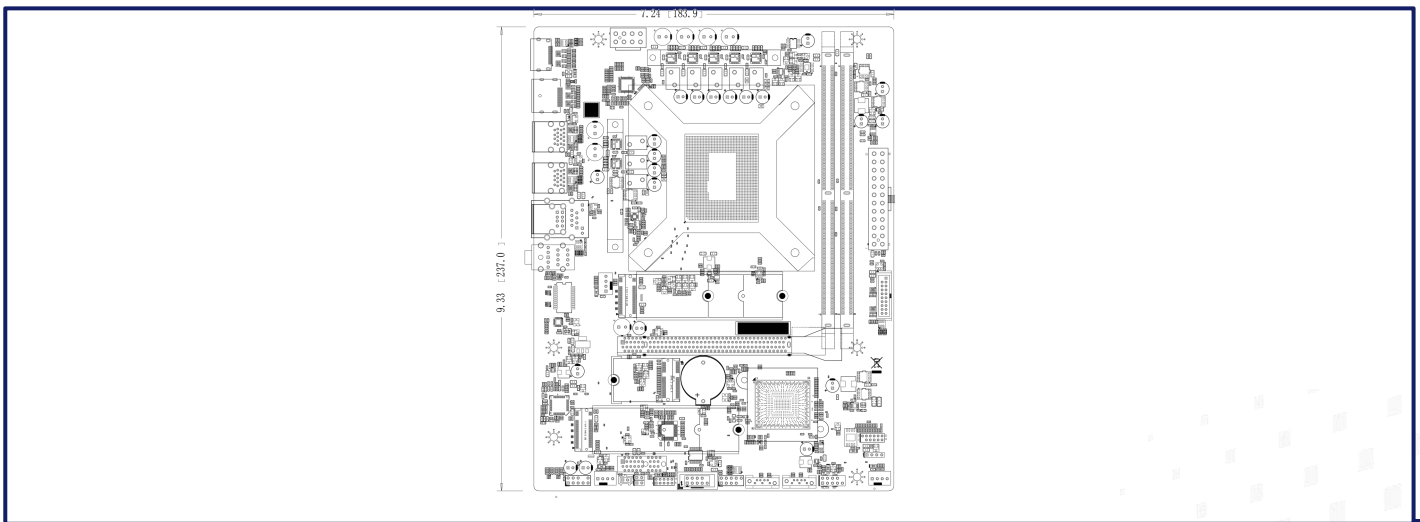
01 Specifications

CPU	Intel Alder Lake/Raptor Lake/Raptor Lake Refresh HX CPU
Chipset	HM670/HM770
Graphics Card	PCIe/onboard
RAM	2 x U-DIMM DDR5 5600 MHz, Max 64G (32GB per DIMM)
OS	WINDOWS 11
BIOS	AMI
Storage	1 x M.2 2280 support PCIE GEN4 X4 1 x M.2 2280 support PCIE GEN4 X4 2 x SATA Gen3 Port
Audio	HD Audio IC, ALC897
Network	1 x 1000M Ethernet Port 1 x M.2 WIFI/BT Horizontal slot
Display	1 x DP1.4, 1 x HDMI2.0
Audio I/O	1 x Line in, 1 x Line out, 1 x Mic in; 3.5mm Audio Jack 1 x 9pin, 2*5-1 2.54mm
USB	Rear IO: 2 x USB2.0, 4 x USB3.2 Gen1 (5G) Onboard: 2 x USB2.0, 2 x USB3.2 Gen1 (5G)
COM	1 x 9pin, 2*5-1 2.54mm
Expansion Slots	1 x PCI Express4.0 x16 slot, 1 x PCI Express4.0 x1 slot
Front Panel	1, 2*5pin-1 (2.54 Needle)
Other	FAN: 1 x CPU fan 4Pin, 2 x chassis fan 4Pin 1 x CLR_CMOS 3Pin, 1 x Case_open 2Pin, 1 x JBIOS, 2*6Pin-1
Power Input	24PIN + 8PIN power port
Dimensions	ITX, 184 x 237 mm
Working Temp.	-5~50°C
Working Humidity	10%~90% non-condensing
Storage Temp.	-20~70°C
Storage Humidity	5%~95% non-condensing

02 Product view



03 Dimensions



04 Product Selection

Model	Configuration
JRPXH03	i9-12900HX/DDR5/2 M.2+2 SATA/M.2 WIFI/1 1000M/4 USB2.0/6 USB3.0
JRPXH03	i7-12850HX/DDR5/2 M.2+2 SATA/M.2 WIFI/1 1000M/4 USB2.0/6 USB3.0
JRPXH03	i5-14450HX/DDR5/2 M.2+2 SATA/M.2 WIFI/1 1000M/4 USB2.0/6 USB3.0