

GX06 Alder lake H

Photo



CPU

Intel 12th(Alder lake H) Gen/13th(Rapder lake) Gen(option)
 i5-12500H (Max to 4.5Ghz) 12cores (4 Performance-core; 8Efficient-core) 16thread 18M Intel® Smart Cache
 i5-12450H 2.0Ghz~4.4Ghz; 8cores(4 Performance-core; 4Efficient-core) 12thread 12M Intel® Smart Cache
 i7-12650H 2.3Ghz~4.7Ghz; 10cores(6 Performance-core; 8Efficient-core) 16thread 24M Intel® Smart Cache
 i7-12700H(Max to 4.7Ghz) 14cores (6 Performance-core; 6Efficient-core) 20thread 24M Intel® Smart Cache
 i9-12900H 2.5Ghz~5.0Ghz; 14cores(6 Performance-core; 8Efficient-core) 20thread 24M Intel® Smart Cache

Chipset

Embeded in the CPU

GPU

Nvidia 6GB GDDR6 RTX4050;
 Nvidia 8GB GDDR6 RTX4060;

Memory

Dual So-dimm-slot DDR5.

M.2 SSD

1*M.2 Slot for M.2 (2280) NVME SSD(PCIe4) Up to 2TB.

2.5"SATA SSD/ HDD

1*SATA 3 2.5inch HDD (on board)

WIFI

M.2 slot support Wifi5/Wifi6 Dualbrand. BT4.0/BT5.0 combo in Wifi moduel.

I/O Interface

1*HDMI2.1(Through GPU) .2*DP1.4 (Through GPU)

4*USB3.2 Gen1; 2*USB2.0 (Optional)

2*2.5G RJ45;

1*Type-C (USB data+Video out through CPU)

1*Sim Card(option)

1 *3.5MM 2in1 audio jack

Conector(on board)

2*RS232 (connector); 1*Sata3+power; 1*EDP(through GPU); 1*2USB2.0 (pending)

2*CPU fan. 1*Fpanel; 2*SPK

1*M.2 slot for 4G module(Bottom side)

Fan&Thermal

Dual 5-12V CPU cooling fan
 Availabile Heat sink

Power

DC-in 210W(19V 11A)

Dimension

170*170 mm

Working enviroment

Operating 0℃~45℃ Storage -20℃~70℃ 10%~95% (non- condensing)

OS

Windows10/Windows11/Ubuntu(option)