



FEATURES

- Intel Panther Lake high-performance processor
- LPDDR5 8533MHz memory, MAX 64GB
- Supports large-capacity storage devices, with three M.2 2280M Key interfaces, one of which supports up to PCIE 5.0x4
- Supports four displays, HDMI and DP supports 8K@60Hz, two Thunderbolt 4
- Two 2.5G network ports are configured by default, and one of them can be optionally equipped with a 10G network port



SPECIFICATIONS

System	
CPU	Intel® Panther Lake Series processors, TDP 80W, 484/12Xe Series processors optional
Chipset	SOC
BIOS	UEFI
Memory	4 x LPDDR5X 8533MHz, Max. 64GB
Storage	1 x M.2 M Key 2280 NVMe (PCIE 5.0x4), 2 x M.2 M Key 2280 NVMe (PCIE 4.0x4)
Display	1 x HDMI2.1, support 8K@60Hz, 1 x DP1.4, support 8K@60Hz, 2 x Thunderbolt 4 (support 40G, DP and PD OUT 15W)
USB	2 x USB3.2 Gen2 Type A, 2 x USB2.0 Type A
LAN	1 x RJ45, RTL8125K 2.5G, 1 x RJ45, RTL8125K 2.5G(Optional RTL8127 10G)
Audio	1 x 3.5mm Combo Audio Jack
SD Card	1 x SD Card 8.0(PCIE4.0 x1)
Oculink	1 x Oculink (optional)
Expansion	1 x M.2 E Key 2230 (for WiFi & Bluetooth),
TPM	Support TPM2.0

OS

OS Support	Windows11
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Power	
Input Voltage	20V 180W DC in adapter
Environment	
Operating Temperature	-5~45℃ (23~113°F)
Storage Temperature	-20~70℃ (-4~158°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	Operating random vibration test 5~500Hz, 1Grms @with SSD, follows IEC 60068-2-64)
Shock	Operating 10G peak acceleration (11ms duration), follows IEC 60068-2-27)
EMC	CE FCC

OPTIONS

System	
CPU	484/12Xe Series processors optional
Memory	LPDDR5X Memory, 16GB, 32GB, 64GB
Storage	M.2 2280 NVMe, 256GB, 512GB, 1TB

Communications	
WiFi & Bluetooth	WiFi6E, WiFi7 module