M2 Pro-358H Specifiction

Basic	Product Series	AI Mini
	Model Number	M2 Pro-358H
	OS Support	Windows 11-64bit
	Dimensions(L x W x H)	195×195×47.5 mm
	Weight	1.39 kg
CPU	Processor	Intel Core Ultra X7 Processor 358H
	Total Cores	16
	Total Threads	16
	Efficient-core Base Frequency	1.5 GHz
	Max Turbo Frequency	4.8 GHz
	TDP (Performance Mode)	PL1:65W，PL2:65W
	TDP (Balanced Mode)	PL1:45W，PL2:65W
	TDP (Quiet Mode)	PL1:45W，PL2:45W
GPU	Graphics Cards	Intel Arc B390 GPU
	GPU Peak TOPS (Int8)	122
	Graphics Max Dynamic Frequer	2.5 GHz
NPU	NPU Peak TOPS (Int8)	50
Memory	Memory Type	LPDDR5X (Onboard)
	Maximum Capacity	Up to 32 GB
	Max Speed Support	Up to 7467 MT/s
	Optional Configurations	Capacity: 32 GB Speed: LPDDR5X-7467 Channel: dual-channel (up to 2 channels)
Storage	Storage Type	2 × M.2 2280 NVMe SSD slots (PCIe 4.0 x4), up to 8TB per slot 1 × M.2 2280 NVMe SSD slot (PCIe 4.0 x1), up to 8TB
	Optional SKU SSD Capacity	0/1TB/2TB
Cooling System	CPU Cooling Type	PCM + Dual Heat Pipes
	CPU Fan Type	Turbo fan
	MAX Speed (CPU Fan)	5000 rpm
	Noise (Performance Mode)	Idle 30 dBA, 100% load 43.2 dBA / 50cm
	Noise (Balanced Mode)	Idle 29 dBA, 100% load 31 dBA / 50cm
	Noise (Quiet Mode)	Idle 29 dBA, 100% load 31 dBA / 50cm
	Note: Tested in the MINISFORUM anechoic chamber at 50 cm.	
Wireless Connectivity	M.2 2230 E-Key WiFi/BT Combo Module (PCIe Only)	Intel Wi-Fi 7 BE211 Bluetooth 6.0
Ethernet Controller	2.5 Gigabit LAN (RJ45) × 1	Intel i226-V
	10 Gigabit LAN (RJ45) × 1	Realtek RTL8127
Screen&Sensor	N/A	
Video Output	1 x HDMI 2.1 FRL (Up to 4K@144Hz / 8K@60Hz), CEC supported 1 x DP 1.4 (Up to 4K@144Hz) 3 x USB4 (40Gbps, Alt DP 2.1,Up to 4K@144Hz)	
Audio Output	1 × HDMI 1 × DP 1 × 3.5mm Combo Jack 3 × USB4	
Audio Input	1 × 3.5mm Combo Jack	
I/O Ports	Front panel	1 x USB4 Port (Alt DP 2.1, 40Gbps, PD out 15W)
		2 × USB 3.2 Gen2
		1 × 3.5mm Combo Jack
	Rear panel	1 × USB 2.0
		2 × USB 4 (PD in 65-100W, PD out 15W) only ONE port has PD IN function
		1 × HDMI 2.1, FRL, CEC supported
		1 × DP 1.4
		1 × 2.5G LAN (RJ45, i226-V)
		1 × 10G LAN (RJ45, RTL8127)
		1 × AC-IN
	Right side	1 × SD card reader (USB 2.0, up to 480 Mbps)
Button/Hole	1 × Power Button	
	1 × Reset Hole(Clear CMOS), in rear	
	1 × FingerPrint， In Top	
	1 × Kensington Lock	
	1 × Copilot Button	
Wall-mount support	YES	
Power Adapter	AC Input 100-240V / 50-60Hz,Internal DC Adapter 19V/7.1A 134.9W	