



Next-generation Panther Lake AI Mini PC

- **Intel® Core™ Ultra 7 356H + Intel® Graphics**
Peak Processing & Visual Performance
- **90 TOPS AI Inference Capability**
Exceptional On-Device AI Performance
- **64GB LPDDR5X-8533MHz + 1TB PCIe 4.0 SSD**
Lightning-Fast Multitasking & Storage
- **Wi-Fi 7 + BT5.4 + 10G + 2.5G Ethernet**
Ultra-Reliable Dual-Wired Connectivity
- **8K HDMI® 2.1 + 8K DP 1.4 + Dual Thunderbolt 4**
Triple 8K Ultra-HD Display
- **Versatile High-Speed I/O**
USB-A/C + Thunderbolt 4 + Oculink Expansion
- **Windows 11 Pro**
Multi-Language Business-Grade Operating System
- **Compact 152.2 × 152.2 × 52.1mm Design**
Mighty Performance In A Tiny Form Factor

Intel® Core™ Ultra 7 Processor 356H

M.2 2280 PCIe 4.0 × 4 SSD

Intel® AI Boost

8K@60Hz Video Outputs

Intel® Graphics

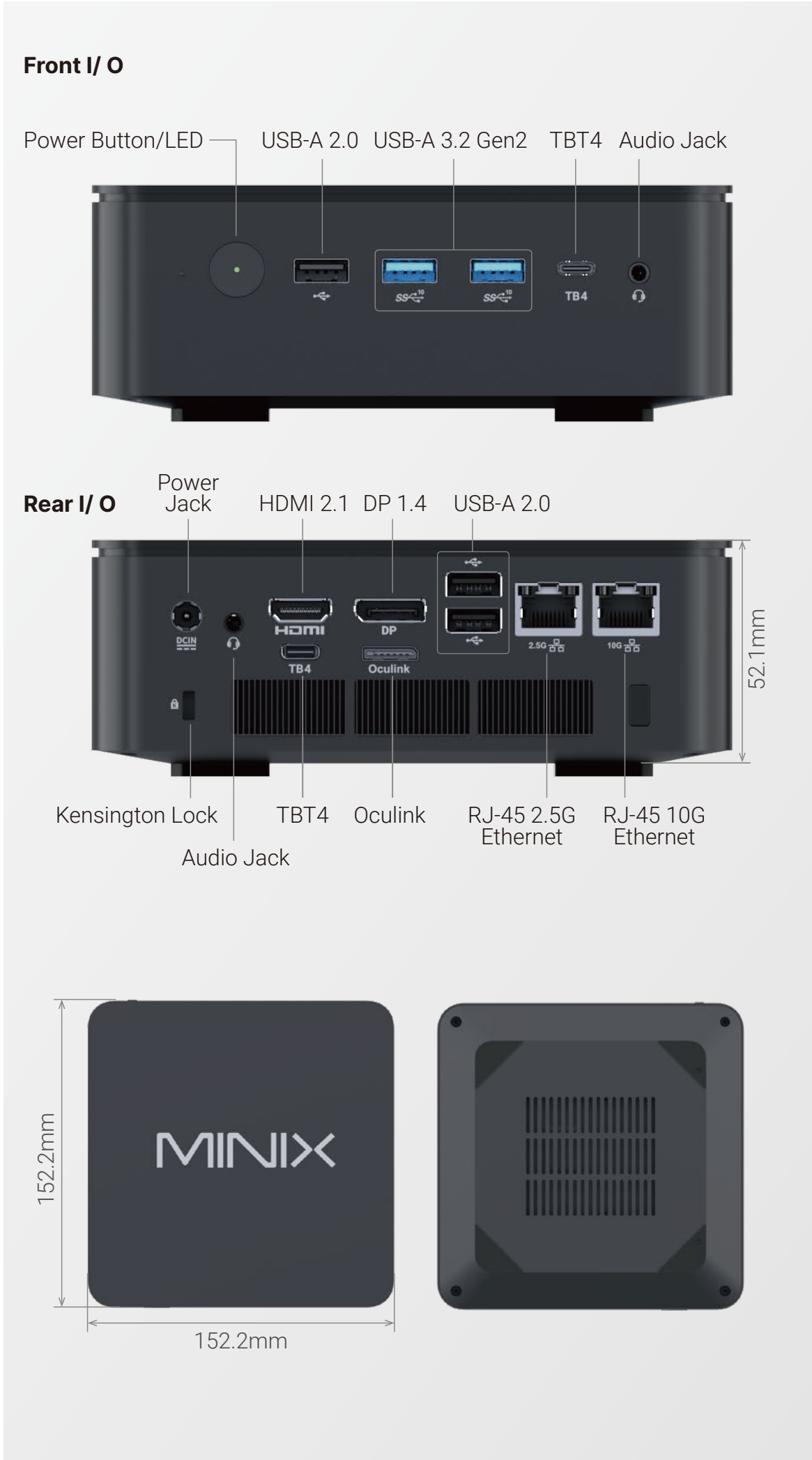
Quad Screen Display

Twin Turbo Intercooler

RZ717 Triple Band Wi-Fi 7

Windows 11 Pro

Product Overview



Specifications

CPU	Type	Intel® Core™ Ultra 7 Processor 356H (16 Core, 16 Threads, 18M Cache, up to 4.7 GHz)
	Code Name	Products formerly Panther Lake
GPU	Type	Intel® Graphics (GPU Peak TOPS (Int8): 40)
NPU	Type	Intel® AI Boost (NPU Peak TOPS (Int8): 50)
IPU	Type	Max Resolution (IPU): 16MP
Memory	DDR	64GB (4x16GB) LPDDR5X-8533MHz (Up to 128GB, not included)
	DDR Slot	None
	DDR Expansion	None
Storage	SSD	1TB M.2 2280 PCIe 4.0 × 4 SSD (3×Expansion Slots, Up to 8TB)
	SSD Slot	1 × M.2 2280 PCIe 5.0 × 4 SSD Slot 1 × M.2 2280 PCIe 4.0 × 4 SSD Slot 1 × M.2 2280 PCIe 4.0 × 1 SSD Slot
	SSD Expansion	1 × M.2 2280 PCIe 5.0 × 4 SSD Slot 1 × M.2 2280 PCIe 4.0 × 1 SSD Slot
Wi-Fi & BT	Type	M.2 2230 RZ717 Triple Band Wi-Fi 7 (2.4GHz/5GHz/6GHz), BT5.4
I/O Prot	Front	
	Reset Button	1 × Button
	USB Type_A	1 × Power Button with White LED 1 × USB-A 2.0 2 × USB-A 3.2 Gen2
	USB Type_C	1 × TBT4 (8K@60Hz)
	Audio Jack	1 × 3.5mm Audio Output Combo Jack
	Rear	
	RJ45	1 × RJ-45 10G Ethernet 1 × RJ-45 2.5G Ethernet
	USB Type_A	2 × USB-A 2.0
	DP	1 × DP 1.4 (8K@60Hz)
	Oculink	1 × PCIe4.0 × 4
	HDMI®	1 × HDMI® 2.1 (8K@60Hz)
	USB Type_C	1 × TBT4 (8K@60Hz)
	Audio Jack	1 × 3.5mm Audio Output Combo Jack
	DC Jack	1 × Input AC 100~240V, Output DC 19V 6.32A 120W Max
	Kensington Lock	Yes
	Performance Switch	Performance Mode 65W Balanced Mode 54W Silent Mode 45W
OS	System	Windows 11 Pro (Support multi-language)
Complete Machine Certification Requirements	Type	FCC CE UKCA RoHS WEEE PSE
Environment	Operating Temperature	-5~45°C @5~80%RH
	Storage Temperature	-20~70°C
Physical Parameter	Relative Humidity	10~ 95% RH @ 40°C/104°F, Non-condensing
	Material	Plastic + Metal
	Machine Dimension	152.2 × 152.2 × 52.1mm
	Machine Weight	850g

