

T1-FP550

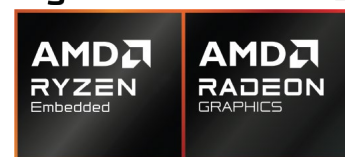
AMD Ryzen™ 3000 Series/Ryzen™ Embedded R2000 Series
with Radeon™ Graphics based Ultra-Compact Mini PC



Features

- CPU: AMD Ryzen™ 3000 Series/Embedded R2000 Series
- Memory: Dual Channel DDR4 for Memory up to 64GB
- Display: AMD Radeon™ Graphics, Displays via DP, HDMI, USB-C
- I/O Ports: 1 x USB-C(Full Function), 3 x USB3.2, 1 x USB2.0, 2 x LAN(1.0GbE), CTIA Audio Jack
- Storage & Expansion: M.2_Key M for 2280 NVMe, M.2_Key M for 2280 NVMe/SATA, FPC SATA, M.2_Key E for 2230 WiFi
- Power: 19V/20V DC-in

AMD
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Introduction

The T1-FP550 is an ultra-compact Mini PC powered by AMD Ryzen™ Embedded R2000 Series and Ryzen™ 3000 Series processors with integrated Radeon™ Graphics, delivering efficient performance for everyday commercial and professional computing tasks in space-constrained environments.

The system supports dual-channel DDR4 memory up to 64 GB, flexible storage expansion with M.2 NVMe and SATA SSDs, and integrated wireless connectivity options. Comprehensive I/O includes multiple display outputs (DisplayPort, HDMI, and full-functioned USB-C), dual Gigabit Ethernet, and a range of USB interfaces to support modern peripherals and multitasking scenarios.

Featuring active cooling, a compact footprint, and compatibility with Windows and Linux operating systems, the T1-FP550 is well suited for digital signage, kiosks, office workstations, point-of-sale systems, and other commercial applications where compact size, connectivity, and stable performance are required.



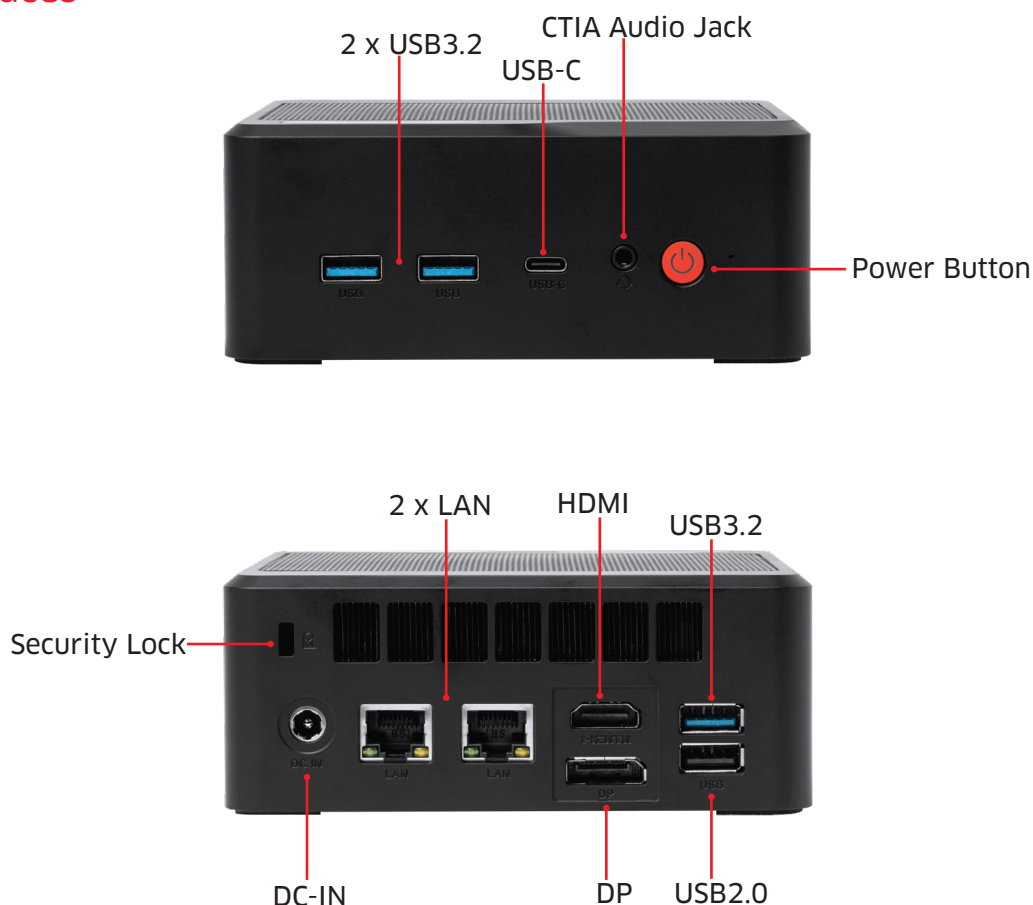
H/W Monitor



Watchdog



I/O Interfaces

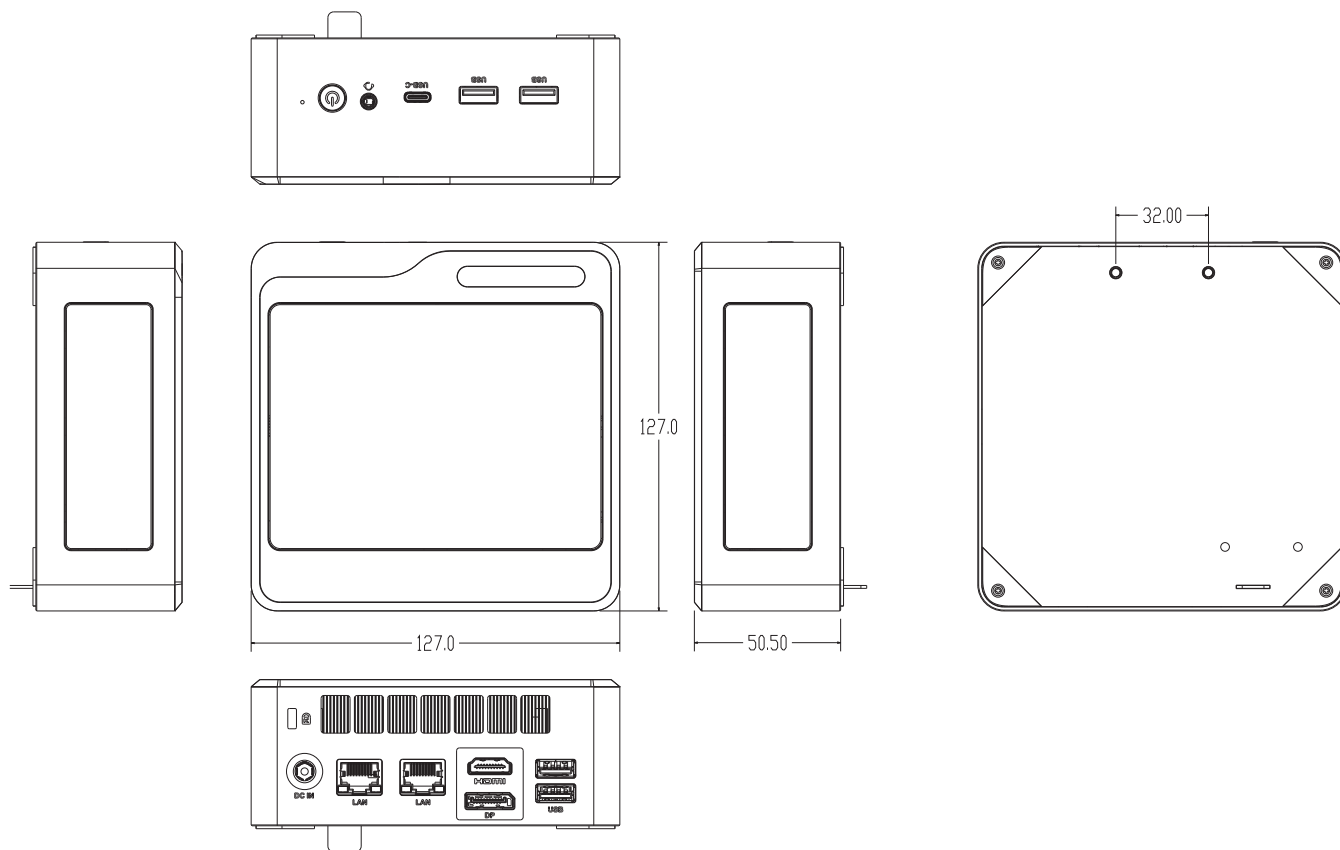


Technical Specifications

Processor	AMD Ryzen™ Embedded	R2314	R2514	R2544
	Total Cores/Threads	4C/4T	4C/8T	4C/8T
	Base Frequency	2.1GHz	2.1GHz	3.35GHz
	Max Frequency	3.5GHz	3.7GHz	3.7GHz
	Total L3 Cache	4MB	4MB	4MB
	cTDP	15-35W	15-35W	35-54W
	AMD Ryzen™ 5/7	3500U	3700U	
	Total Cores/Threads	4C/8T	4C/8T	
	Base Clock	2.1GHz	2.3GHz	
	Max Boost Clock	3.7GHz	4GHz	
	Total L3 Cache	4MB	4MB	
	cTDP	15-35W	15-35W	
	BIOS	AMI UEFI BIOS		
Memory	Type	Dual Channel SO-DIMM DDR4		
	Max. Capacity	64GB		
Display	GPU	Integrated AMD Radeon™ Graphics		
	Interface	1 x DP, 1 x HDMI2.1, 1 x USB-C		
Ethernet	Controller	2 x Realtek RTL8111H		
	Speed	10/100/1000Mbps		
Audio	Interface	2 x RJ45		
	Audio Codec	SenaryTech SN6186		
Storage & Expansion	Interface	1 x CTIA 2in1 Audio Jack(Line-out+Mic-in)		
	M.2_N	1 x M.2 Key M Slot for 2280 NVMe SSD		
	M.2_N/S	1 x M.2 Key M Slot for 2280 NVMe/SATA SSD		
	SATA	1 x SATA via FPC connector		
Other I/O	M.2_E	1 x M.2 Key E Slot for 2230 Wi-Fi&Bluetooth Module		
	USB3.2	3 x USB3.2		
	USB2.0	1 x USB2.0		
	USB-C	1 x USB-C(Full-functioned)		
Dimension	TPM	Optional		
	Size	127 mm x 127 mm x 50.5mm (L x W x H)		
	Weight	N.W. Barebone: TBD		
Power	Standard Port	19V/20V DC-in		
Temperature	Operating Temp.	0°C to 50°C		
	Storage Temp.	-20°C to 70°C		
Cooling		Active		
Operating System		Windows10/11 64bit, Linux 64bit.		

*All specifications and photos are subject to change without notice.

Dimension



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