

### **SMARTSTATION MINI PC BENEFITS**

Edge AI PC has many advantage over the desktop computer and laptop and hence should be he choice if you are planning to buy a new PC or replace your old PC

**SIZE:** Edge AI PC takes up very less space of your office desk. You can also fix it behind Monitor screen hence it will not take any space at all. You can use work space much more efficiency.  
Min PC are small, lightweight and very easy to carry.

**Economic Cost:** Every business and startups want to use their budget effectively. It is not only less price but it can save other expenses like electricity bills, IT maintenance cost ETC... AI PC are the best money saving devices one should use for the operation.

**Green Computing:** Edge AI PC consume very less unit of power and hence saves electricity and unnecessary expenses helping you in cost cutting the average power.

**Maintenance:** Most the Edge AI PC are very well designed and consume less energy and they do not face much of overheating problem.

**Protection from dust and dirt:** Edge AI PC have everything is on board and permanently fixed on the motherboard itself and hence it is safe from the dust and dirt.

Very Low Cost

Ultra Low Power

Better Performance

Secure

Power Saver

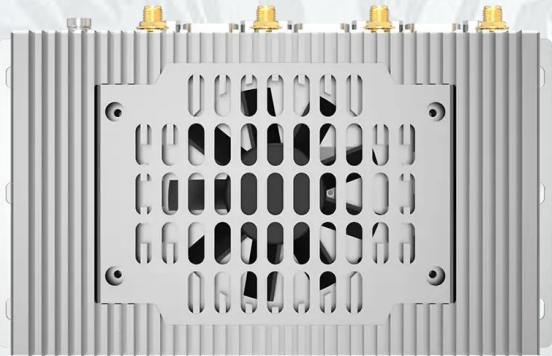
Easy to Manage

Stable & Reliable

Eco Friendly

Maintenance Free

# Product Details



Category	Type	Description
System	AI Platform	Jetson Orin NX
	AI Computing Power	70 TOPS/100 TOPS (Super mode: 117 TOPS /157 TOPS)
	GPU	1024- Core NVIDIA Ampere architecture GPU with 32 Tensor Core
	CPU	6-core Arm® Cortex®-A78AE v8.2 64-bit CPU 1.5MB L2+ 4MB L3/ 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
	Video Coding	1x4K60 (H.265)3x4K30 (H.265) 6x1080p60(H.265)12x 1080p30 (H.265)
	Video Decoding	1x8K30(H.265)2x4K60(H.265)4x4K30(H.265) 9x1080p60(H.265)18x 1080p30 (H.265)
	Memory	8GB 128-bit LPDDR5102.4GB/s/16GB 128-bit LPDDR5 102.4GB/S
	Storage/Expansion	(Supports external NVMe)
Ethernet	Interface	2x Gigabit Ethernet ports (independent IP), supports PoE (optional)
Wireless Network	WiFi	2.4GHz/5GHz dual-band WiFi (optional) supports WiFi hotspot.
	5G/4G	4G Full Network (optional)
	Other	1 x SIM
Multimedia	Display	1 x HDMI
I/O	USB	2 x USB3.2 Type-A 1 x Type-C OTG 1 x Type-C Debug
	Serial Port	1 x RS232 (DB9), 1x RS485 (DB9)
	CAN	1 x CAN-FD(DB9)
	GPIO	4 x GPIO (3.3V@1mA)
Port	M.2 Key E	Wi-Fi
	M.2 Key M	1 x 2280 PCIE SSD
	RTC	1 x RTC
Electric Source	Power Input	9-24V supports power-on auto-start.
Physical	Dimensions	160mm (L) x 100mm (W) x 50mm (H)
	Cooling Method	Fan cooling