

The Ultimate
Edge AI SOLUTION
WITH AMAZING PERFORMANCE
ON GREEN TECHNOLOGY REVOLUTION

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 Thor
	AI Computing Power	2070 FP4 TFLOPS
	GPU	2560 core NVIDIA Blackwell GPU with 96 Tensor Core 10 TPC GPU (MIG)
	CPU	14 -core Arm® Neoverse®-V3AE 64 bit CPU 1MB L2 +16 MB L3
	Video Coding	6 x 4Kp60 (H.265)12x4Kp30 (H.265)24x 1080p60 (H.265) 50 x 1080p30 (H.265)48x 1080p30 (H.264)6x4Kp60 (H.264)
	Video Decoding	4 x 8Kp30 (H.265)10x4Kp60 (H.265)22x4Kp30 (H.265)46x 1080p60 (H.265) 92 x 1080p30 (H.265)82x 1080p30 (H.264)4x4Kp60 (H.264)
	Memory	128 GB 256-bit LPDDR5X 273 GB/s
	Storage/Expansion	(Supports external NVMe)
Ethernet	Interface	5 x M1210G Ethernet ports (support PTP timing), independent IP, Lan2-Lan5 support POE (optional)
Wireless Network	WiFi	2.4GHz/5GHz WiFi7 (optional), supports WiFi hotspot
	5G/4G	4G Full Netcom /5G Full Netcom (optional)
	GNSS	Supports multi-mode (BD, GPS), supports meter-level / centimeter-level / RTK /inertial navigation (optional).(RTK function requires an RTK antenna.)
	Other	1 x SIM
Multimedia	Display	1 x HDMI
	Audio	1 x AUDIO OUT (3.5mm interface)
I/O	USB	2 x USB3.2 Type-A 1 x Type-C OTG 1 x Type-C Debug
	Serial Port	1 x RS232, 2 x RS485
	CAN	4 x CAN
	GPIO	2x GPI + 2x GPO (3.3V@1mA), isolated 5x 12V_GPIO (12V@200mA)
Port	M.2 Key E	WiFi
	M.2 Key M	1x2280 PCIESSD
Other	RTC	1 x RTC

	Synchronous System	Supports PTP, PPS input/output, and PWM output (optional).
	GMSL Camera Interface	8x GMSL2, 2 x mini Fakra interfaces (Optional)
Electric Source	Power Input	10V-36V, supports ACC, over-voltage/under-voltage protection, and power-on startup
	Power Interface	M16-6PIN navigation beacon interface
	Buttons/Indicator Lights	Recover / Reset buttons, 3 LED indicators
Physical Parameters	Dimensions	275mm (L) x 177.3mm (W)x 76.5mm (H)
Work Environment	Operating Temperature	-20°C~45°C
	Operating Humidity	5%~95%, non-condensing
	Cooling Method	Fan cooling