

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

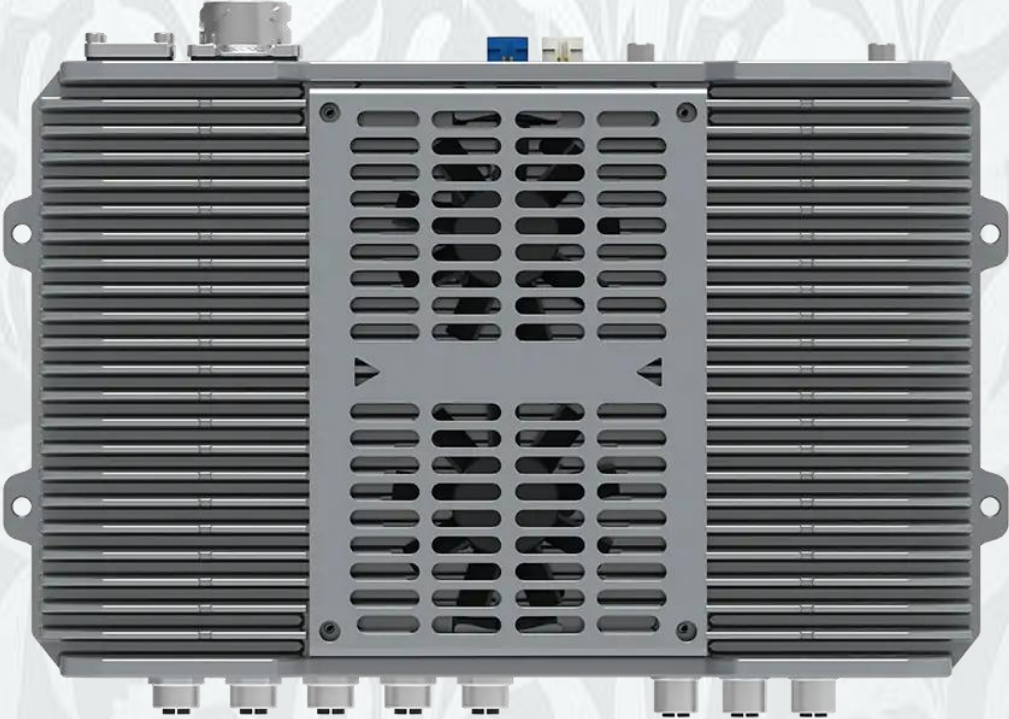
Easy to Manage

Stable & Reliable

Eco Friendly

Maintenance Free

Product Details



Category	Type	Description
System	AI Platform	Jetson AGX Orin
	AI Computing Power	200 TOPS/275 TOPS
	GPU	1792-core NVIDIA Ampere architecture GPU with 56 Tensor Cores 2048-core NVIDIA Ampere architecture GPU with 64 Tensor Cores
	CPU	8-core Arm® Cortex®-A78AEv8.2 64-bit CPU 2MB L2 + 4MB L3/ 12-core Arm® Cortex®-A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3
	Video Coding	1 x 4K60 (H.265)3x4K30(H.265)6x1080p60(H.265)12x 1080p30 (H.265) 2 x 4K60(H.265)4x4K30(H.265)8x1080p60(H.265)16x1080p30 (H.265)
	Video Decoding	1 x 8K30(H.265)2x4K60(H.265)4x4K30(H.265)9x1080060(H.265)18x 1080D30 (H.265) 1 x 8K30 H.265)3x4K60(H.265)7x4K30(H.265)11x1080p60(H.265)22x1080p30(H.265)
	Memory	32GB 256-bit LPDDR5 204.8GB/S /64GB 256-bitLPDDR5 204.8GB/S
	Storage/Expansion	64GB eMMC 5.1
Ethernet	Interface	1x M12 IOGbe port (supports PTP timing), 4x M12 GbE ports with independent IP; LAN2-LAN5 support POE (optional).
Wireless Network	WiFi	2.4GHz/5GHz dual-band WiFi (optional), supports WiFi hotspot.
	5G/4G	4G/5G Full Network Mode (optional) 1 x SIM
	GNSS	Supports multi-mode (BD, GPS), including meter-level / centimeter-level / RTK/ inertial Navigation (optional).
Multimedia	Display	1 x HDMI
	Audio	1 x AUDIO OUT (3.5mm interface)
I/O	USB	1 x USB3.2 Gen2 IOGpbs Type-A, 1 x USB3.0 Type-A(Aviator Connector Type A), 1 x Type-C OTG, 1x Type-C Debug
	Serial Port	1 x RS485 (switchable to 1x RS232 via software), 2x RS232
	CAN	2 x CAN, 2 x SPI-CAN
	GPIO	2 x GPI + 2 x GPO (3.3V@1mA, isolated), 5x 12V@200mA
Port	M.2 Key E	WiFi
	M.2 Key M	1x2280 PCIESSD
Other	RTC	1x RTC

	Synchronous System	Supports PTP, PPS input/output, and PWM output (optional).
	GMSL Camera Interface	8xGMSL2 (Optional)
Electric Source	Power Input	10-36V input supports ACC and power-on auto-start.
	Power Interface	M16 6-pin navigation interface
	Buttons/Indicator Lights	Recovery / Reset Three indicator lights
Physical Parameters	Dimensions	275mm (L) x 177.3mm (W)x 76.5mm (H)
Work Environment	Operating Temperature	-20°C ~60°C (standard) / -40°C ~70°C (optional)
	Operating Humidity	5%~95%, non-condensing
	Cooling Method	Fan cooling