


CONTROLADORES INDUSTRIAIS

Edge AI GPU System

Sistemas de visão computacional



Configurações Standard

Linux Windows 10 IOT Windows 11 Pro	CPU	Cores	Memória	Armazenamento	GPU	Portas e IOs	Características
ST-EBS-P300W	Intel® Atom™ x6425RE Windows 11 Pro	4	8 GB DDR4	256 GB	N/A	2x HDMI, 2x USB 3.2 2x COM 1x Ethernet 2.5GbE 1x Ethernet 1GbE 1 x Header (8 Bit) GPIO	12V-24V DC 137x 81x61 mm ~60°C
ST-PE2000U	Intel® Core™ i7-1265UE Windows 11 Pro	10	32 GB DDR5	512 GB NVME Gen 4x4 6000MB/s	N/A	2x HDMI, 2x DP, 1x USB 3.2 Gen2x2 (20G), type C 4x USB 3.2 Gen2x1 (10G) ,type A 2x USB 3.2 Gen1 (5G), type A 2x USB2.0, type A, 2x COM, 4x Ethernet (3 x GbE + 1x 2.5GbE), 1 x 8bit GPIO, DB9	9-36V DC 254x147x57 mm -20~60°C
ST-PE4000G	Intel® Core™ i9-14900 Windows 11 Pro	24	32 GB DDR5 (Expansível para 64 GB)	1 TB NVME Gen 4x4 6000MB/s	 GPU ASUS GeForce RTX 4070 Dual O12G Evo 12GB GDDR6	2x HDMI, 2x DP, 1x USB 3.2 Gen2x2 (20G), type C 4x USB 3.2 Gen2x1 (10G) ,type A 2x USB 3.2 Gen1 (5G), type A 2x USB2.0, type A, 1x Intel® i219-LM (1 GbE) 1x Intel® i226-IT (2.5 GbE) 4x DI, 4 x DO, 02 Slots PCIe 02 Slots SATA HotSwap	8-48V DC 225x198x350mm -20~55°C (with 65W CPU)



ST-EBS-P300W



ST-PE2000U



ST-PE4000G

CONTROLADORES INDUSTRIAIS

Edge AI ST-PE4000G Series

Rugged GPU Computing Edge AI System



- Embedded system
- Extreme rugged
- Fanless (wide-temp.)
- Field side (outdoor/mobile)
- Longevity

- Supports various GPU Cards, up to dual high-end GPUs
- Intel® 12th-Gen Core™ CPU (Alder Lake-S), 16C/ 24T 35W/65W CPU, Intel® R680E Chipset
- Up to 64GB ECC/ non-ECC DDR5 4800 SDRAM
- 1x USB 3.2 Gen2 x2 type-C and 8x USB 3.2/ 2.0 type-A.
- 1x M.2 M key (NVMe), 1x M.2 B key (5G NR), 1x M.2 E key (WiFi6E)
- 8~48V wide-range DC-in w/ built-in ignition power control
- Thermal design for -20°C to 60°C rugged operation
- MIL-STD-810H shock & vibration
- Application: Intelligent video analytics(IVA), machine vision(MV), autonomous vehicle(AV)

GPUs	TDP	Status
ASUS DUAL-RTX3060TI-8G-V2	200W	Verified
ASUS Dual GeForce RTX™ 4060 Ti	160W	Verified
NV RTX A2000	70W	Verified
NV RTX A4500	200W	Verified

ST-PE4000G



200W TDP

+ 2x add-on cards



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