

AMX-FA6000 Series

Intel® 12th/13th Gen Expandable Embedded Industrial PC



Features

- 12th/13th Gen Intel CPU + Z690 Chipset
- Dual channel SO-DIMM DDR5 up to 64 GB
- VGA, HDMI, DP. Support Triple Display
- Rugged, Fanless design
- 1x Intel i219(1.0GbE)+2x Intel i226(2.5GbE)
- 10x USB, 6x COM, 2x 8 bit GPIO
- 16~36V DC In

SPEC

Processor System	CPU	Socket LGA 1700 (12/13 Gen Core, Pentium, Celeron)MAX. 45W
	Chipset	Intel Z690 Chip
Memory	Socket	Dual channel DDR5 4800Mhz, 2x SO-DIMM 288Pin Max capacity 64 GB
Graphics	Chipset	Intel UHD Graphics for Intel CPU 12 th /13 th Generation
Expansion	M.2 (E Key)	1x M.2_Key E 2230 Slot, supports WiFi and Bluetooth
Ethernet	Controller	1x Intel i219, Date Rate Per Port:1.0 GbE 2x Intel i226, Date Rate Per Port:2.5 GbE
	Drive Bay	2x 2.5" for SSD/HDD
Storage	M.2 (B Key)	1x M.2_Key B 2280/2242 Slot, supports SATA SSD or 4G/5G Module
	M.2 (M Key)	1x M.2_Key M 2280 Slot, supports SATA/NVMe SSD PCIe4.0 4X Signal.
I/O Interface	Display	VGA, HDMI, DP
	LAN	3x RJ45
	USB	8x USB 3.0, 2x USB 2.0
	Serial	4x RS-232, 2x RS-232/485/422
	GPIO	2x 8 bit
	Audio	Line-out, Mic-in
OS Support	Microsoft Windows/Linux	Win 10, Win 11, Linux kernel 5.18 or later (by Project)
	Other	Wire switch
Power	Standard Port	16V-36V DC-in
Mechanical	Dimensions (W x H x D)	266 mm x 86mm x 262mm
Environment	Operating Temp.	0 ~ 60 °C (32 ~ 140 °F)
	Storage Temp.	-40 ~ 85 °C (-40 ~ 185 °F)

Dimensions

