POC-120

Compact Intel® Bay Trail E3826 Fanless System

» Intel® Bay Trail E3826 CPU

» Operating Temperature from -25°C ~ 70°C

» 2x GbE, 1x USB 3.0, 2x USB 2.0

» Customizable Mezzanine Board

» Wall or DIN Rail Mountable

The newest member of the POC family, the POC-120 is an entry-level embedded computer with an even more compact footprint. The POC-120 contains an Intel© Bay Trail E3826 dual-core processor for capable computing power. It's general I/O allows it to work for many applications. Instead of a 2.5" SSD or HDD, the POC-120 supports an mSATA drive for reliability in harsh environments.

The POC-120 reserves an internally high-speed interface for I/O expansion. By customizing a mezzanine board, you can have versatile I/O functions tailored to your specific application.

Industrial PC

LEADER IN INDUSTRIAL COMPUTING

POC-120

Ultra-Compact Intel® Bay Trail E3826 Fanless System

SPECIFICATIONS

SYSTEM	Processor	Intel® Bay Trail E3826 (1.46 GHz, 1M)
	Chipset	Intel® Chipset
	Graphics	Integrated Intel® HD Graphics
	Memory	Up to 8GB SO-DIMM DDR3L
	AMI	-
	TPM	-
I/O	Ethernet	2x GbE
	PoE+	-
	Video	1x VGA (Max. 2560 x 1600)
	USB	2x USB 2.0 1x USB 3.0
	Serial	1x RS-232/422/485 1x RS-232
	Audio	1x Audio Out
EXPANSION	PCI Express	-
	PCI	-
	Mini PCIe	-
	Expandable I/O	1x MezIO™ expansion port for MezIO™ modules
STORAGE	SATA	1x full-size mSATA socket
	CFast	-
POWER SUPPLY	Input	2-pin spring-clamp terminal for 8~35V DC input
	Adapter	60W Power Adapter (optional)
	Ignition Control	-
	Remote Control & Status Output	-
MECHANICAL	Dimensions	4.13" (W) x 5.87" (D) x 1.33" (H)
	Weight	1.9 lbs including SSD and RAM
	Mounting	Wall Mount DIN-Rail Mount (optional)
ENVIRONMENTAL	Operating Temperature	-25°C ~ 70°C
	Storage Temperature	-40°C ~ 85°C
	Humidity	10%~90% , non-condensing
	Vibration	Operating, 5 Grms, 5-500 Hz, 3 Axes(w/ SSD, according to IEC60068-2-64)
	Shock	Operating, 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)
	Certifications	CE/FCC Class A, according to EN 55022 & EN 55024

ACCESSORIES

DIN Rail Kit for POC Series
DIN Rail Mounting Kit for POC-120/200/212

SK314
118 Key Silicone Backlit Keyboard

ORDERING INFORMATION

POC-120
Intel® E3826 ultra-compact controller with 2x GbE ports, 3x USB, and 2x COM ports

DIN Rail Kit for POC-120
Optional DIN rail mounting kit for POC-120

60W AC Power Adapter for POC-120
Optional 60W AC power adapter for POC-120

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