

IPB-801A

Industrial PC Box



FENGYU

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Main Features

- Rugged PC box designed for POS and other industrial control application
- Fanless system in a robust aluminium housing with heat dissipating fins
- High-quality electronics industrial components for absolute reliability
- Support several Intel CPU platforms, Celeron, i3-Core and i5-Core
- With detachable elegant aluminium stand for vertical placement
- Support dual displays (HDMI + VGA)
- With multiple USB ports and COM ports
- Powered USB (12V and 24V) can ordered on demand
- Serial ports can be set to have 0 / 5V / 12V power pin

Technical Specification

Features	Model	IPB-801A-S64	IPB-801A-SI3	IPB-801A-SI5	IPB-801A-SI7
Processor	CPU	Intel® Celeron® Processor J6412	Intel® i3-1115G4	Intel® i5-1135G7	Intel® i7-1165G7
	Frequency	Up to 2.6GHz	Up to 4.1GHz	Up to 4.2GHz	Up to 4.4GHz
Memory	Technology	Support DDR4 3200MHz, 1*non-ECC SO-DIMM Slot			
	Max. Capacity	Up to 32GB			
Display	Controller	Intel HD Graphics	Intel UHD Graphics	Intel Iris Xe Graphics	Intel Iris Xe Graphics
	Graphic Memory	Shared System Memory up to 1.7GB SDRAM			
	Second Display 1	HDMI (Type-A) up to 4096x2160 @30Hz			
	Second Display 2	N/A	HDMI (Type-A) up to 4096x2160 @30Hz		
Ethernet	Controller	Realtek GBE LAN Chip (RJ45, 10/100/1000 Mbps)			
Storage	Primary	SATA III SSD 120GB (Default), with SSD cover, easily replaced			
	Secondary	M.2 (NGFF) Key-B/B+M Slot (SATA SSD, 2242/2260/2280)	M.2 (NGFF) Key-M Slot (PCIe x4 NVMe SSD, 2242/2280)		
I/O Interface	Main USB	4 x USB-A 3.0 (rear); 4 x USB-A 2.0 (rear); 2 x USB-A 2.0 (front)			
	Audio	Line-Out + MIC 2in1 3.5mm Jack			
	Serial	(max) 4 x Serial COM (can be configured to have 0, 5V and 12V power pin, default 0V)			
	VGA (Optional)	Optional: DB15 VGA with built-in 12V power (replacing 1 x DB9)			
	Powered USB (Optional)	Optional: 2 x USB 12V; 1 x USB 24V (replacing 3 x DB9)			
Power Adaptor	Input	Universal AC 100~240V, 50/60 Hz			
	Output	DC +12V 5A		DC +12V 7A	
Environment	Storage Temperature	-15°C ~ 55°C			
	Operation Temperature	-0°C ~ 40°C			
	Operation Humidity	10% ~ 85%			
Dimension	Body	215 x 232 x 66 (mm)			