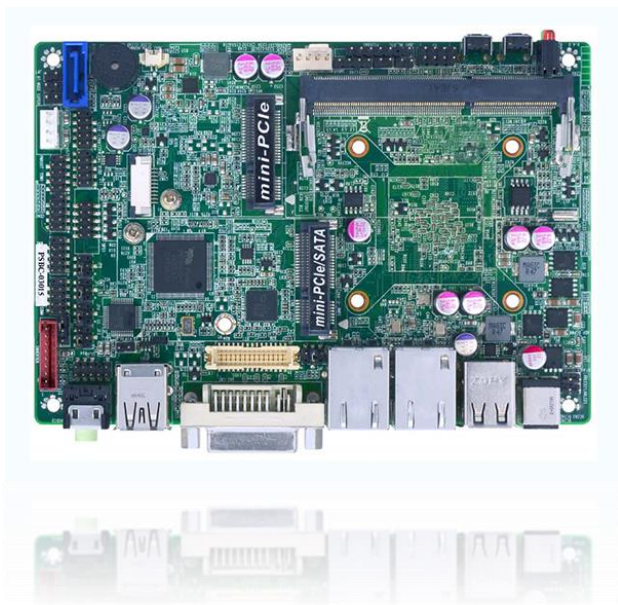




PSBC-03015

Intel® Bay trail SoC processor, DDR3L up to 4GB / 8GB, Dual LAN, DVI-I output, SATA 2.0, 8-USB, 4-Serial, 1-Audio 9~24V DC-In



FEATURES

- Intel® Bay Trail Series SoC Processor (Default: N2930)
- Support 1 - DDR 3L 1333/1066M Hz Single /Dual CH up to 4 GB /8GB
- Support 1 - Serial ATA II (3Gb/s) Device
- Integrated Realtek ALC888S HD Audio CODEC with 2 CH
- 1 - 24 bits Dual Channel LVDS header
- Support DVI I Output
- Supports 2 - Realtek RT8119I GbE, Support CPU Smart FAN
- 9~ 24V DC in PWR jack

IMAGES



SPECIFICATIONS

System	CPU	Intel® Bay Trail Series SoC Processor, Default: N2930
	Chipset	SoC
	BIOS	AMI Flash ROM BIOS
	Watchdog Timer	From Super I/O to drag RESETCON# 256 segments (10sec ~ 255min)
Memory	Technology	Single/Dual Channel DDR3L 1333MHz SDRAM (By CPU)
	Maximum	4GB/8GB
	Socket	1- SO-DIMM
Graphics	Controller	Intel® HD Graphics
	VRAM	Shared Memory
	Multi Display	Dual Display
Ethernet	Controller	Realtek RTL8119I GbE
	Speed	10/100/1000 Mbps
Expansion Slot	mSATA	1 (shared with full size Mini PCIe)
	Mini PCIe	1 (full size, shared with mSATA) + 1 (half size)
Audio	CODEC	Realtek ALC888S HD Audio CODEC
	Channel	2 CH
Rear I/O	DVI-I	1
	Ethernet	2- RJ45
	USB	4 (3-USB 2.0 + 1-USB 3.0)
	Audio	1 (Line-out)
	DC-Input	1
Internal Connector	USB	4-USB 2.0
	LVDS / inverter	1-24-bits Dual CH
	PS/2	1
	Serial	4 (3-RS232 + 1-RS232/422/485 with 5V/12V selectable header)
	SATA	1-SATAII (3.0Gb/s)
	GPIO	4-in / 4-out
	Audio Header	1
Chassis Instruction	1	
Power Requirements	Input PWR	9~24V DC-in (2-pin PWR Con)
	Power On	AT/ATX Supported AT: - Directly PWR on ATX: Press Button to PWR on
Certifications	Certifications	TBD
Environment	Temperature	Operating: -20°C ~ 70°C Storage: -40°C ~ 70°C
	Humidity	10% ~ 90% RH @40°C (non-condensing)
Mechanical	Dimensions	3.5" SBC (148 - 102mm)

ORDERING INFO

PSBC-03015-1	PSBC-03015 (*Default) 3.5" SBC with Intel® N2930, 4 Core, up to 8GB RAM, 2-LAN, 8-USB, 1-DVI, 4-Serial, 1-SATA, 1-LVDS, 8-GPIO, 9~24V DC-in, -20°C ~ 70°C
PSBC-03015-2	PSBC-03015 3.5" SBC with Intel® N2807, 2 Core, up to 4GB RAM, 2-LAN, 8-USB, 1-DVI, 4-Serial, 1-SATA, 1-LVDS, 8-GPIO, 9~24V DC-in, -20°C ~ 70°C
PSBC-03015-SATAPWR	SATA Power cable for PSBC-03015
PSBC-03015-DV-VG	DVI to VGA converter for PSBC-03015
PSBC-03015-COM	Onboard Serial Cables for PSBC-03015