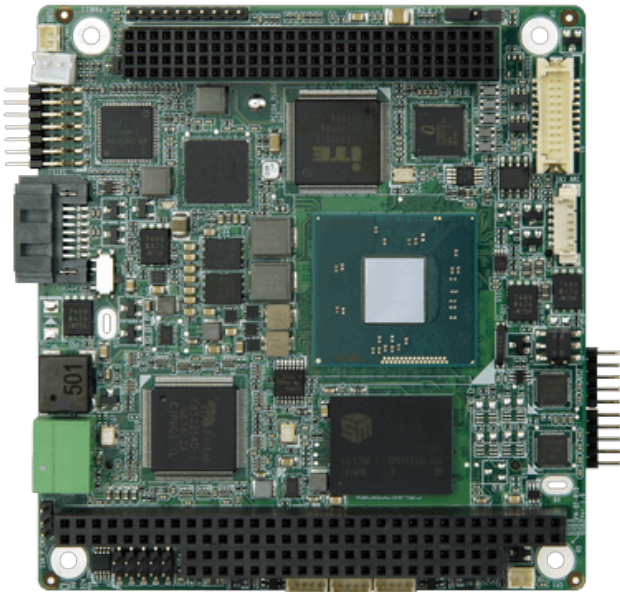


PM-BT

PC/104-Plus SBC with Intel® Atom™/Celeron® on-board SoC with DDR3L, VGA, LVDS, GbE, USB 2.0, SATA 3Gb/s, RS-232/422/485 and 5V DC input, RoHS



Features

- » PC/104 form factor SBC supports 22nm Intel® Atom™ on-board SoC
- » PC/104-Plus (ISA and PCI signal) function support
- » 5V DC input solution
- » Support 2 COM, PCIe Mini, USB
- » Dual display from VGA and LVDS

Specifications

System	
CPU	Intel® Celeron® J1900 on-board SoC (2GHz, quad-core, 2MB cache, TDP=10W)
Memory	One 204-pin 1333/1066 MHz single-channel DDR3L SO-DIMM
Memory Max.	8 GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	96 X 90
Net Weight	120
Storage	
Storage	1 x 2.5" SSD/HDD Bay On-board (optional, support by request)
I/O Interface	
Display Output	1 x VGA :up to 2560x1600@60Hz 1 x LVDS :18/24-bit single-channel (2x10 pin)
Ethernet	Description: 1 x Intel® I210
Power	
Power Consumption	5V@1.70A (Intel® Celeron® J1900 CPU with 8GB memory)
Power Supply	5V DC input
	12V for fan, LVDS and PCI-104 plus
	» 5V for PCI-104 plus (1x3 pin, P=2.0)
	» 12V for PCI-104 plus (1x3 pin, P=2.0)
	3/5V jumper for PCI-104 plus
	Support AT/ATX mode
	ErP/EuP Compliant
Environment	
Operating Temperature	-20°C ~ 60°C (for J1900/N2930/N2807); -40°C ~ 85°C (for E38xx);

Storage Temperature	-40°C ~ 85°C
Humidity	5% ~ 95%, non-condensing
Compatible Model	
Motherboard	CE/FCC

Ordering Information

PM-BT-J19001-R10	PC/104-Plus Single Board Computer with Intel® Atom™ J1900 SoC with DDR3L, VGA, LVDS, GbE, USB2.0, SATA 3Gb/s, RS-232/422/485 and 5V DC input, RoHS
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Packing List

1 x PM-BT single board computer	1 x SATA cable kit
1 x COM port cable	1 x Single-port USB cable
1 x LAN cable	1 x VGA cable



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