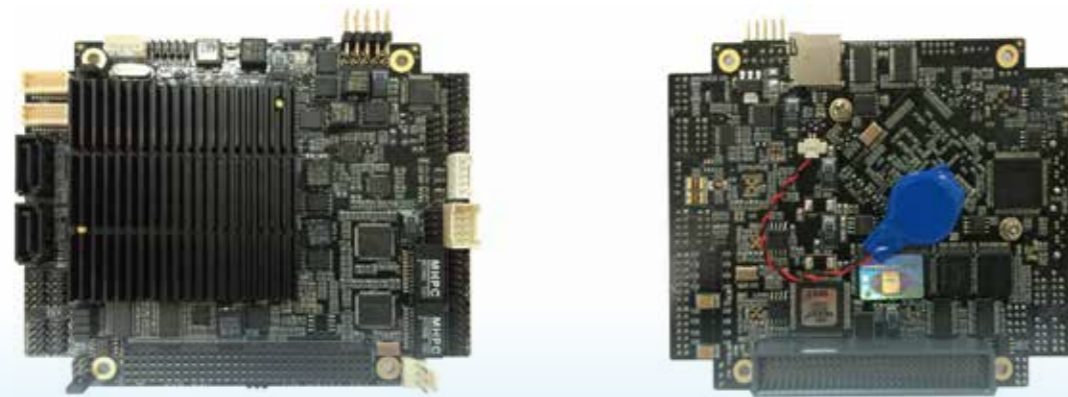


104-1816 PCI-104 SBC with Intel® BayTrail

Brief Introduction

104-1816 is a 104 structure motherboard based on new-generation Intel® Atom® Bay Trail SoC platform. Its CPU adopts Future Intel® Celeron® processor for Intelligent Systems (based on 22nm Intel® Silvermont microarchitecture), with clock frequency of quad-core 1.83GHz and quad-core 2.0GHz. Its graphics core integrates INTEL 7th-generation graphics engine and two display tubes/cables, supporting DX11 and 3D output.

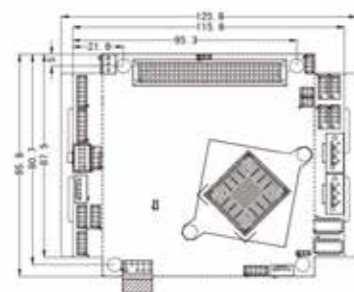
Having various types of connectors and PCI-104 expansion slot, the product can be widely used in military industry, automation and electric power, etc.



Features

- Onboard Intel® BayTrail N2930
- Onboard 4GB DDR3L
- 2 x 10/100/1000Mbps
- Support VGA+LVDS
- Support PCI-104
- Support -40~85°C

Product size chart



(Company : MM)

Specifications

Items	Specification
Chipset	Intel® BayTrail
CPU	Intel® N2930/J1900/E3845/E3825
Memory	Onboard 4GB DDR3L
Storage	2 x SATA 2.0
LAN	2 x 10/100/1000Mbps network ports
I/O	1 x VGA, 1 x LVDS
	1 x USB 3.0, 3 x USB 2.0
	4 x Serial ports, COM1 support RS232/R422/485
	Audio, support Mic-in, Line-in, Line-out
	1 x PS/2
	1 x 8ch GPIO
Expansion	1 x PCI-104
Watchdog Timer	1 ~ 255sec/min timer system reset or interrupt
Power Supply	DC 5V
Operating System	Win7, Win8, Win10, Win7E, Linux
Environment	Operating temperature: 0 ~ 60°C Optional -40~85°C Storage temperature: -40 ~ 85°C Humidity: 5% ~ 95% Non-condensing
Dimensions(L x W)	115.6mm x 95.8mm

Ordering Information

P/N	Model	Description
0030-020071	104-1816CL2NA	PCI-104/Intel® N2930/4GB DDR3L/VGA+LVDS/2 x SATA/2 x LAN/4 x USB/4 x COM/1 x PS2/8ch GPIO/Audio/DC 5V/0~60°C
0030-021131	104-1816CL2NA -40~85°C	PCI-104/Intel® N2930/4GB DDR3L/VGA+LVDS/2 x SATA/2 x LAN/4 x USB/4 x COM/1 x PS2/8ch GPIO/Audio/DC 5V/-40~85°C
0030-021021	104-1816-E3845 -40~85°C	PCI-104/Intel® E3845/4GB DDR3L/VGA+LVDS/2 x SATA/2 x LAN/4 x USB/4 x COM/1 x PS2/8ch GPIO/Audio/DC 5V/-40~85°C