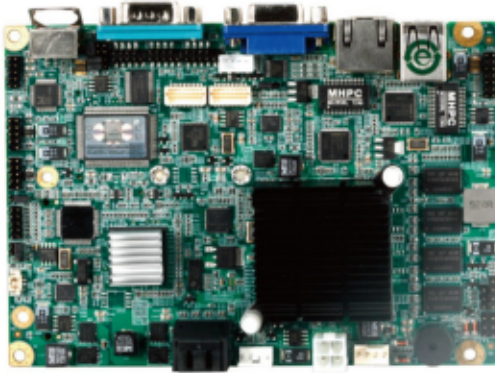


EC3-1816

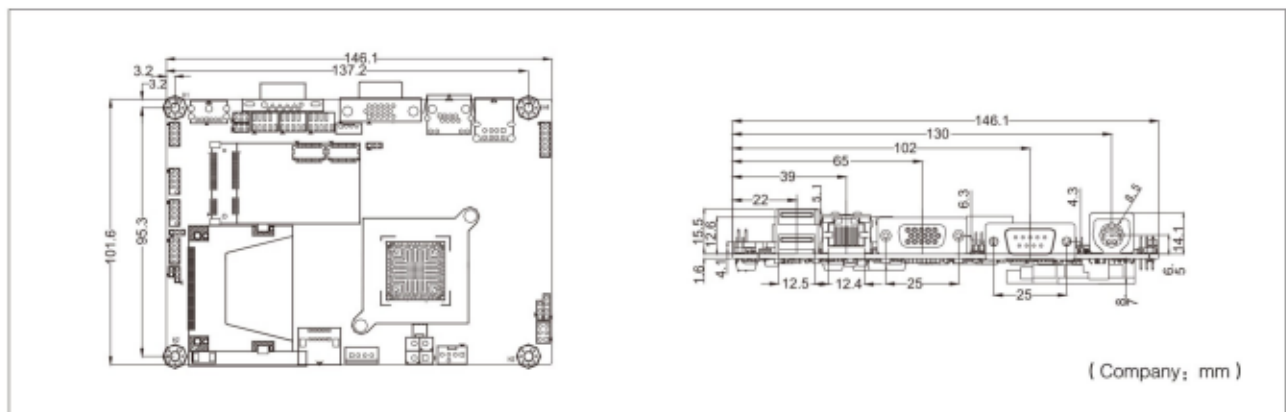
3.5" SBC third-generation Atom with onboard CPU/LVDS/VGA/CF/2LAN/Audio



Features:

- ◆ Adopts Intel® Atom D2550/N2600 low power processor
- ◆ Supports dual-channel 24BIT LVDS display, and can be connected to various large display screens
- ◆ Onboard 2G memory, with excellent anti-shock performance
- ◆ Onboard MINI PCI_E slot, to facilitate expansion to wireless LAN

Product size chart



Specifications

System	Processor	Onboard Intel® Atom™ D2550 1.86GHz/N2600 1.6GHz processor
	Chipset	Intel® Atom™ D2550 /N2600 +Nm10
	Memory	Onboard 2G DDR III memory
	Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset
	Expansion Interface	Provides Mini PCIe slot, expandable to wireless LAN
Storage	2 x SATA interface or 1 x SATA interface and 1 x TYPE I/II CompactFlash socket	
I/O Interface	USB	6 x USB2.0 port; 2 are directly brought out by connector, the other two are brought out via 2 x 5Pin pin header
	Serial Port	4 x COM port; COM1 is a DB9 connector, supporting Modem Wakeup, the other three are brought out via 2 x 5Pin pin header; COM2 supports RS-232/RS-422/RS-485 mode, the other three only support RS-232 mode
	PS/2	1 x PS/2 port
	GPIO	1 x 8bit digital I/O port
	Audio	HDA standard chip, supporting MIC-IN, LINE-IN and LINE-OUT
Display	Supports VGA+LVDS (dual-channel 24Bit) dual display	
Ethernet	2 x 10/100/1000Mbps LAN. LAN1 adopts standard RJ45 port, and supports Wake-On-LAN; LAN2 is brought out by a 2 x 7Pin pin header port	
Mechanical and Environmental	Dimensions	146.1(mm) x 101.6(mm) x 38.6(mm)
	Operating Temperature	0°C ~ 60°C, extendable to -40°C ~ 80°C (D2550); -40°C ~ 85°C(N2600); 5% ~ 95% (non-condensing)
	Storage Temperature	-40°C ~ 80°C, 5%~95% (non-condensing)
	Operating Humidity	5%-95%,non-condensing
Power	Power Supply	Single 12V power supply

Ordering Information

Part Number	Model Number	Description
0030-019651	EC3-1816CLD2NA-D2550	3.5-inch single board/onboard D2550 CPU 1.86GHz/onboard 2GB DDR3 memory/VGA/LVDS(24Bit dual-channel)/6 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/485/1 x Mini PCIE/1 x CF slot/2 x 1000Mbps LAN port/2 x SATA/single 12V power supply/0°C ~ 60°C/Note: 2 x SATA or 1 x SATA plus 1 x CF slot (2 x SATA and 1 x CF card cannot be used at same time)/The motherboard has fan

Industrial Computers & Embedded boards

0030-019661	EC3-1816CLD2NA-N2600	3.5-inch single board/onboard N2600 CPU 1.6GHz/onboard 2GB DDR3 memory/VGA/LVDS(24Bit dual-channel)/6 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/485/1 x Mini PCIE/1 x CF slot/2 x 1000Mbps LAN port/2 x SATA/single 12V power supply/0°C~60°C/Note: 2 x SATA or 1 x SATA plus 1 x CF slot (2 x SATA and 1 x CF card cannot be used at same time)/The motherboard has no fan
0030-019671	EC3-1816CLD2NA-DW	3.5-inch single board/onboard D2550 CPU 1.86GHz/onboard 2GB DDR3 memory/VGA/LVDS(24Bit dual-channel)/6 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/485/1 x Mini PCIE/1 x CF slot/2 x 1000Mbps LAN port/2 x SATA/single 12V power supply/0°C ~ 60°C/Note: 2 x SATA or 1 x SATA plus 1 x CF slot (2 x SATA and 1 x CF card cannot be used at same time)/The motherboard has no fan
0030-020391	EC3-1816CLD2NA(B)-DW	3.5-inch single board/onboard D2550 dual-core CPU 1.86GHz/onboard 2GB DDR3 memory/VGA/LVDS (24Bit dual-channel)/6 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/485/1 x M-SATA interface/1 x CF slot/2 x 1000Mbps LAN port/1 x SATA/single 12V power supply/0°C ~ 60°C ; Remark: 1 x SATA, 1 x M-SATA (factory default) or 1 x SATA, 1 x CF card (can be modified by BIOS); the motherboard has no fan
0030-020401	EC3-1816CLD2NA(B)-N2600	3.5-inch single-board/onboard N2600 dual-core CPU 1.6GHz/onboard 2GB DDR3 memory/VGA/LVDS(24Bit dual-channel)/6 x USB2.0/1 x PS2/3 x RS232, 1 x RS232/485/1 x M-SATA interface/1 x CF slot/2 x 1000Mbps LAN port/1 x SATA/single 12V power supply/0°C ~ 60°C ; Remark: 1 x SATA, 1 x M-SATA (factory default) or 1 x SATA, 1 x CF card (can be modified by BIOS); the motherboard has no fan