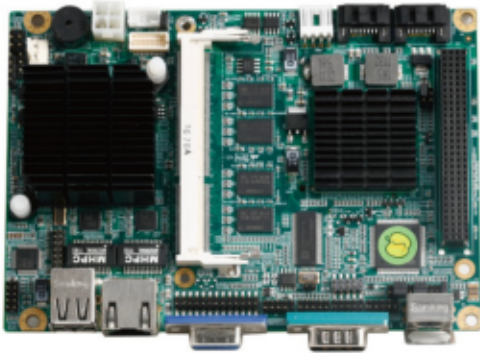


# EC3-1813

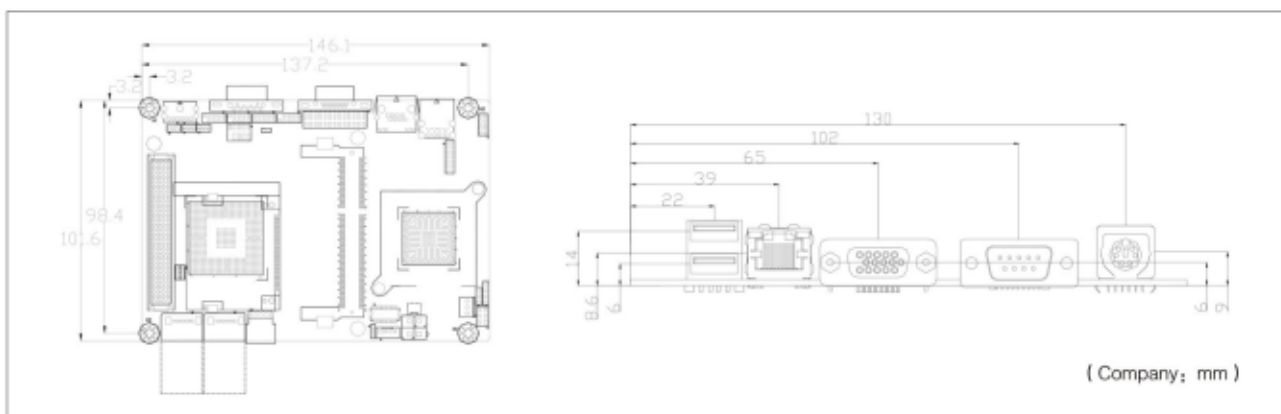
3.5" SBC with Atom CPU/LVDS/VGA/CF/2LAN/Audio



## Features:

- ◆ 3.5" SBC Onboard Intel® Atom N455 1.66GHz or D425/D525 1.8GHz CPU
- ◆ Onboard 1GB DDR3 memory, and 1 × DDR3 SO-DIMM Slot, maximum up to 2GB
- ◆ (D525:up to 4GB)
- ◆ Support 1 × VGA, 1 × 18-bit LVDS
- ◆ Support 4 × USB2.0, 4 × COM. 1 × LPT, 2 × SATA, 1 × CF, 1 × 8bit GPIO

## Product size chart



## Specifications

System	Processor	Onboard Intel® Atom™N455 1.66GHz/D525 1.8GHz
	Chipset	Intel® N455/D425/D525 +ICH8M
	Memory	Onboard 1G/2G DDRIII and 1 x 204Pin DDRIII Slot
	Watchdog Timer	255 levels, programmable by second/minute, timeout interrupt or system reset
	Expansion Interface	1 x PCI-104 slot, expandable to 4 x PCI Master
Storage	2 x SATA interface ,1 x TYPE I/II CompactFlash socket	
I/O Interface	USB	4 x USB2.0 ports
	Serial Port	4 x serial ports: COM1 is brought out in DB9 connector, supporting Modem wake-up function; the remaining three are brought out in 2x5Pin headers; COM2 supports RS-232/RS-422/RS-485 mode while the remaining three ports 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	Support VGA/LVDS(Single Channel 18Bit)Dual display function	
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 28(mm)
	Operating Temperature	-20°C~60°C; -20°C~70°C(with fan); 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
0030-018871	EC3-1813CLD2NA(B)-N455	3.5" SBC/Onboard N455 CPU/ Onboard 1GB DDR3 /1xDDR3-SODIMM/VGA/LVDS(18Bit Single Channel) / 4 x USB 2.0 / 1 x PS 2 / 3 x RS 232 , 1xRS232/422/485/1xLTP/1xCF /2x1000Mbps Lan ports /1xPC/104+Expansion/Single 12V Power supply
0030-018881	EC3-1813CLD2NA(B)-D525	3.5" SBC /Onboard D525 CPU/Onboard 2GB DDR3 /1xDDR3-SODIMM/VGA/LVDS(18Bit Single Channel) / 4 x USB 2.0 / 1 x PS 2 / 3 x RS 232 , 1xRS232/422/485/1xLTP/1xCF /2x1000Mbps Lan ports/1x PC/104+Expansion/Single 12V Power supply