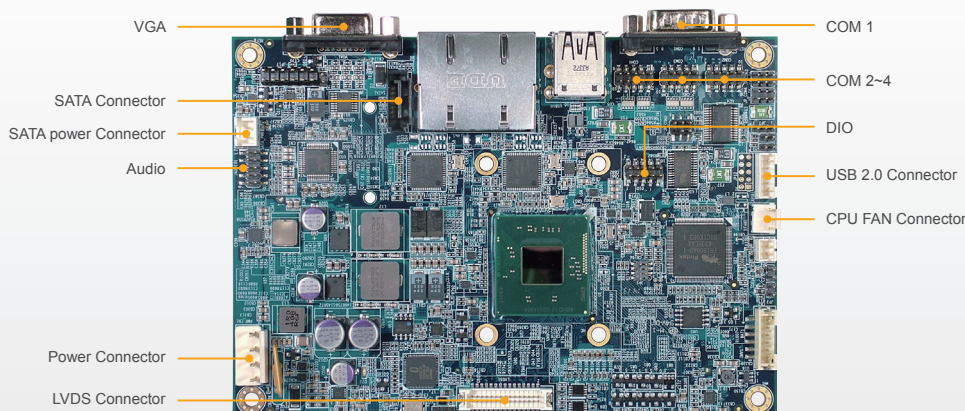


3.5" SBC supports Intel® Bay Trail SOC with VGA/ Audio/ 4 COM/ 2LAN



Features

- Intel® Bay Trail-M SOC
- Support Gen7 Intel Graphics, DX11, OGL3.0 (MPEG2, H.264)
- Memory support DDR3L SD-DIMM 1066/1333 MHz up to 8GB
- Support Dual Giga Ethernet
- Supports 1 x SATA, 3 x USB 2.0/ USB 3.0 and 4 x Serial port

Specifications

System

CPU Support	Intel® Bay Trail-M SOC
CPU Frequency	N2807: 1.58GHz N2930: 1.83GHz
Chipset	N/A
DRAM	1x204Pin DDR3L So-DIMM,Support DDR3 1066/1333 up to 8GB
BIOS	AMI
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	DC 12V Only
Power Consumption	+12V : 0.88A(N2930)
Dimension	102mm x 145mm (4.02" x 5.71")
Certificate	FCC / CE

I/O Ports

SATA Interface	1 x S-ATA II connector
Serial Port	4 x COM port, COM1/3/4 for RS-232, COM2 for RS-232/422/485
LAN	Intel® I210AT (10/100/1000 Mbps)
Audio	High Definition Audio, Realtek ALC888
D/I/O	4 in / 4 out
USB	3 ports, support USB 2.0/3.0 2 ports USB 2.0 (1 port stack connector on edge · 1 port pin-header) 1 ports USB 3.0 (1 port stack connector on edge)
Expansion BUS	1 x CFastt, 1 x Mini PCIe

Display

Graphics	Build-in Intel® Atom™; Supports VGA
LCD Interface	24 bit LVDS

Environment

Operation Temp.	0° ~ 60° C (32° ~ 140° F)
Storage Temp.	- 40° ~ 85° C (- 40° ~ 185° F)
Humidity	Operation humidity 20 ~ 90%, storage humidity 20 ~ 95%

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information.

Ordering Information

Order No	Description
BE-0961RA-30P	HSF, 3.5" SBC w/ Bay Trail M N2930 1.83GHz/ VGA / Audio / 4 COM/ 2LAN
BE-0961RA-07P	HSF, 3.5" SBC w/ Bay Trail M N2807 1.58GHz/ VGA / Audio / 4 COM/ 1LAN

Packing List

Part No	Description
10-611-00200023	Jumper (2.0mm)
27-008-24902071	SATA Cable
27-012-32204111	DC IN Power Cable
	Quick Guide
	Driver CD

Ordering Accessories

Part No	Description
27-004-29603111	Single USB cable
27-008-29608081	SATA cable
27-024-26904031	Single com port cable
27-028-00009003	Audio cable
27-004-00006031	LPT cable