

SBC-330

3.5" SBC Motherboard



Spotlight Features

- BGA1356 for Intel® Skylake-U SoC
- Intel® Gen9 Intel® Graphics DX 11/12, OGL4.3/4.4
- Supports DDR4 2133MHz, 2 x SO-DIMM, up to 32GB system memory
- 2 x DP1.2, 1 x LVDS
- 4 x USB 3.0, 4 x USB 2.0, 2 x SATA3
- 1 x Mini-PCIe / MSATA colay
- Gigabit LAN : 2 x IntelLAN
- DC 12-36V power input

Specifications

Processor System	
Dimension	3.5" SBC (5.8-in x 4.0-in) / (146 x 102 mm)
CPU	BGA1356 for Intel® Skylake-U SoC
Core Number	(by CPU, Max 4)
Max Speed	(by CPU)
L3 Cache	(by CPU)
Chipset	(by CPU)
BIOS	UEFI
Expansion Slot	
PCIe	0
Mini PCIe	1 x mini-PCIe (half/full/ size, PCIe x1 + USB2.0) 1 x mini-PCIe (full size, PCIe x1 + USB, colay with MSATA)
M.2	0
mSATA	1 (full size, SATA3 + USB, colay with Mini-PCIe)
Memory	
Technology	Dual Channel DDR4 2133MHz
Max.	32GB
Socket	2 x SO-DIMM
Graphics	
Controller	Intel® Gen9 Intel Graphics DX 11/12, OGL4.3/4.4
VRAM	Shared Memory
VGA	No
LVDS	Supports max resolution up to 1920 x 1200@60Hz @60Hz
HDMI	No
DVI	No
DisplayPort	DP1.2 Supports max resolution up to 4096 x 2160@60Hz
Multi Display	Yes (Triple Display)
Ethernet	
Interface	10/100/1000 Mbps
Controller	1 x Intel® I219-LM/V , 1 x Intel® I211AT
Connector	2 x RJ45
SATA	
Max Data Transfer Rate	SATA3 (6.0Gb/s)

Rear I/O	
VGA	0
DVI	0
HDMI	0
DisplayPort	2 x DP1.2
Ethernet	2
USB	4 x USB3.0
Audio	0
Serial	0
PS/2	0

Internal Connector	
USB	4 x USB 2.0 (2 x 2.54 pitch header)
LVDS/Inverter	1/1
VGA	0
Serial	4 x 2.0 pitch header RS-232 (COM1 support RS-232/422/485)
SATA	2 x SATA3 (6.0Gb/s)
mPCIe	0
Parallel	0
mSATA	0
IrDA	0
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	1
Speaker Header	0

Watchdog Timer	
Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec/min

Power Requirements	
Input PWR	12 / 19-36V phone jack DC-In
Power On	AT/ATX Supported AT : Directly PWR on as Power input ready ATX: Press Button to PWR on after Power input ready

Environment	
Operating Temperature	0°C – 60°C