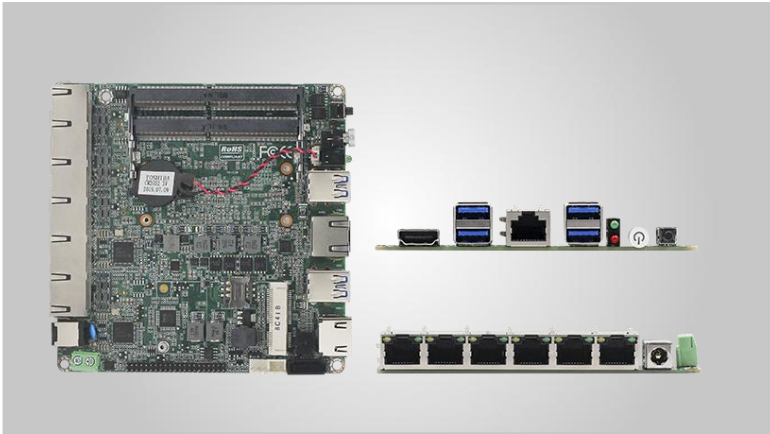# SU200NA6L

◆ Integrated Intel 7th generation mobile Skylake-U single-chip CPU;

◆ 2 *DDR4 SODIMM 260 Socket；

◆6 Intel I211AT or Intel I210 Gigabit LAN cards (choose one)；

◆ 1*RJ45 interface RS232 or RS485 (485 is the pin header, RS232 or RS485 is selected by jump cap and BIOS)

◆ Support power-on automatic power-on function, jumper selection;

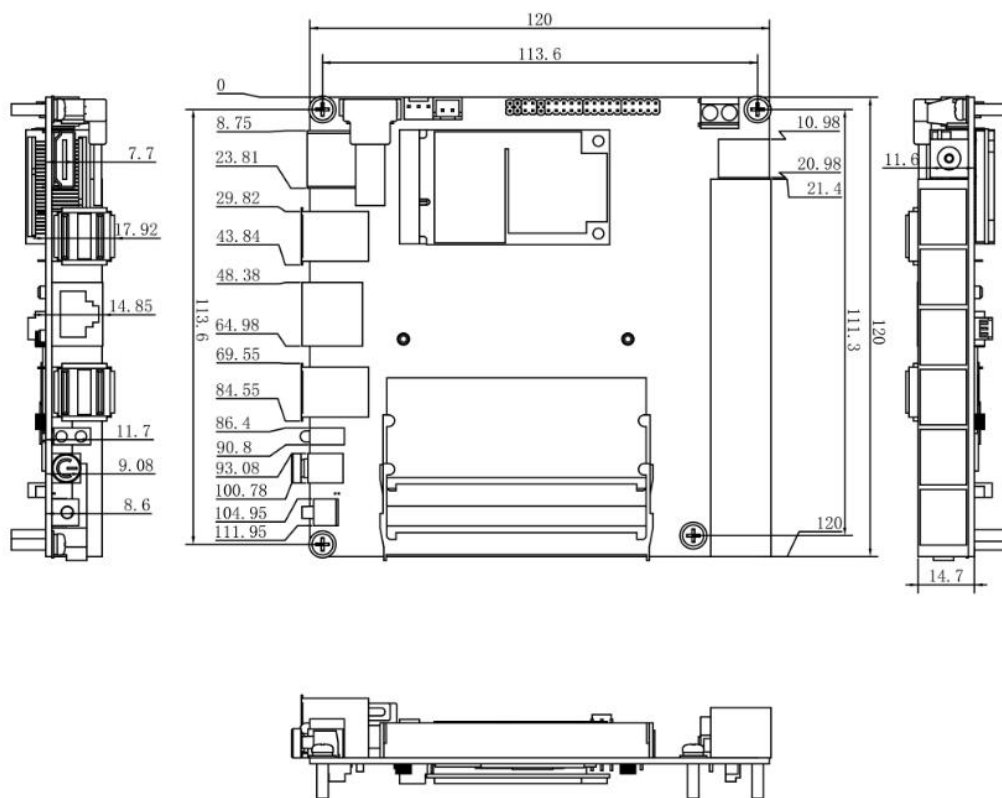◆ Single input DC power supply, DC12-19V power supply

◆structure 120 x 120 mm;

Specification

Processor system	CPU	Intel® CoreTM seventh generation Kaby lake-U Soc i3/i5/i7 processor
	CPU package	BGA
	chipset	Intel® Kaby lake-U Series SOC
	BIOS	EFI BIOS
RAM	Technology Architecture	Dual channel DDR4 2133Mhz;
	Slot	2 *DDR4 SODIMM 260 Socket
video	Graphics controller	Intel HD Graphics 620 (I3-7100U graphics card); graphics card model is related to the CPU
	HDMI	Maximum resolution support (HDMI1.4) 4096*2304@30HZ Support 4K display
	port	1*HDMI, 6*LAN, 4*USB3.0 1* quick boot button with indicator light 1* reset button 1*DC 1* power indicator light 1* hard disk indicator
I/O backplane	Controller	6 Intel I211AT or Intel I210 (choose one)
The internet	Controller	ITE8613
Super I/O Hardware monitoring	Watchdog timer	0-255 seconds, providing a watchdog routine
	Cooler	Aluminum fan heater (supports automatic and manual fan speed adjustment)
Input/output interface	USB	4*USB3.0 compatible with USB2.0 / 1.1, 2*USB2.0, maximum support +5V/1.5A (USB2.0 is the pin header interface)
	Serial port	1*RJ45 interface RS232 or RS485 (485 is the pin header, RS232 or RS485 is selected by jump cap and BIOS)
	GPIO	8-bit, providing routines, freely defined input/output, 3.3V@24mA level
	Mini-PCIe	1 Mini-PCIe slot, only supports USB signal devices
Expansion bus	SATA	1 standard SATAIII interface with a maximum transfer rate of 6Gb/s
	M-SATA	1 Mini-PCIe M-SATA Scoket, supporting SANDISK protocol, maximum transfer rate 6gb/s (optional M-SATA and SATA1 interfaces)
storage	Power type	DC 12-19V power supply
power supply working environment	Operating temperature	-20°C ~ +60°C
	storage temperature	-40°C ~ +85°C
	Working humidity	0% ~ 90% relative humidity, no condensation
	Storage humidity	0% ~ 90% relative humidity, no condensation
	size	120 x 120 mm
	weight	0.5KG
		CE, RoHS, FCC

SU200NA6L

size

单位：mm

Ordering information

model	description	CPU optional
SU200NA6L-I3	Integrated Intel 6th Generation Mobile Skylake-u	I3-7100U Maximum frequency 2.4GHz
SU200NA6L-I5	Integrated Intel 6th Generation Mobile Skylake-u	I5-7200U The base frequency is 2.5GHz, and the maximum core frequency is 3.1GHz.
SU200NA6L-I7	Integrated Intel 6th Generation Mobile Skylake-u	I7-7500U The base frequency is 2.7GHz, and the maximum core frequency is 3.5GHz.
SU200NA6L-Celeron	Integrated Intel 6th Generation Mobile Skylake-u	3865U Maximum frequency 1.8GHz