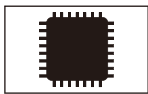
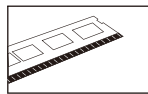


(All photos here are for reference only, Specifications are subject to the physical product.)



Intel® SkyLake



SODIMM
DDR3L 1600



VGA+DVI



Gigabit LAN



Fanless

Features

- Intel® Sky Lake/KabyLake(R) U-series Core CPU
- SODIMM DDR4
- Intel® HD Graphics Integrated graphic card
- VGA+DVI Synch. or asynch. display
- 2 x Intel® I211 GbE LAN RJ45
- 8 x Rs232 TX/RX signal
- 6 x USB3.0/2.0 Port, 2 x USB2.0 Pin-Header
- 1 x Mini PCIeX1, 1 x SATA, 1 x M-SATA
- Support 3G/4G communication module
- DC Voltage input DC9-30V extended voltage input

Specifications

Processor	CPU	SkyLake/KabyLake(R) U-series Core CPU	
	CPU Package	BGA On Board	
	Chipset	SOC	
	BIOS	System BIOS: SPI BIOS	
Memory	Architecture	Dual channel DDR3L	
	Capacity	Max. 32GB	
	Socket	2* DDR3L SODIMM	
Display	Graphic Controller	Intel Integrated graphic card	
	VGA	Max. resolution: 2K@60Hz	
	DVI	Max. resolution: 4K@60Hz	
	Dual Display	VGA+DVI Synch. or asynch. display	
Ethernet	Controller	LAN 1: Intel I211 GbE LAN (Optional POE) LAN 2: Intel I211 GbE LAN (Optional POE)	
	Controller	NT6106 · support system temp. monitoring	
Super I/O	Watch Dog Timer	0~255sec., providing Watch Dog program	
	Controller	Realtek HD ALC662 audio decoder (right & left channel + MIC)	
Audio	USB 3.0	6 x USB 3.0/2.0 PORT	
	USB 2.0	2 x USB 2.0 PORT	
I/O	Serial Port	Com1	9-wire RS232 TX/RX signal, support 4000V surge protection, DB9 port
		Com2	3-wire RS232 TX/RX signal, support 4000V surge protection, DB9 port
		Com3-COM4	3-wire RS232/RS485(optional), RS232 TX/RX signal, support 4000V surge protection, RS485 support 3KV isolation protection, DB9 port
		COM5-COM6	3-wire RS232TX/RX signal, support 4000V surge protection, DB9 port
		COM7-COM10	RS232/485 optional (jumper setting), support 4000V surge protection
GPIO	1* Full-size Mini-PCIe slot, support PCIe & USB devices.	Db15 male, 12bit, program available, freely-defined I/O, 3.3V@24mA	
Expansion Bus	Mini-PCIe	1* Full-size Mini-PCIe socket, support PCIe & USB device	
	UIM Socket	3G UIM Card socket	
Storage	SATA	1* standard 7Pin SATA-III & power connector, transmission rate: max. 3Gb/s	
	M-SATA	1* full-size Mini-PCIe socket, support m-SATA SSD, transmission rate: max. 3Gb/s	
Power	Power Type	AT/ATX(optional), DC9-30V extended voltage input, support power reverse & over-voltage protection.	
	Power Consumption	Support max. 50W (Including POE)	
Other	POWER LED/HDD LED		
	POWER BUTTOM		
Environment	Operating Temp.	-20°C ~ 60°C	
	Storage Temp.	-40°C ~ 80°C	
	Operating Humidity	0% ~ 90% relative humidity, non-condensing	
Formfactor	Dimensions	215 x 136 x 50mm	
	Weight		
Certificate	FCC, CE, RoHS		

Ordering Information

NIS-S991 i3-6100U

Intel® Core i3-6100U 2.3GHz CPU, Dual-core four thread, 6*USB 3.0, 2*USB 2.0, 2*LAN, 8*COM, VGA+DVI Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD

NIS-S991 i5-6200U

Intel® Core i5-6200U 2.3GHz CPU, Dual-core four thread, 6*USB 3.0, 2*USB 2.0, 2*LAN, 8*COM, VGA+DVI Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD

NIS-S991 i7-6500U

Intel® Core i7-6500U 2.5GHz CPU, Dual-core four thread, 6*USB 3.0, 2*USB 2.0, 2*LAN, 8*COM, VGA+DVI Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD

