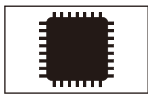
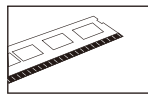


(All photos here are for reference only, Specifications are subject to the physical product.)



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. | |
| Expansion Bus | Mini-PCIe | Db15 male, 12bit, program available, freely-defined I/O, 3.3V@24mA | |
| | UIM Socket | 1* Full-size Mini-PCIe socket, support PCIe & USB device | |
| Storage | SATA | 3G UIM Card socket | |
| | M-SATA | 1* standard 7Pin SATA-III & power connector, transmission rate: max. 3Gb/s | |
| Power | Power Type | 1* full-size Mini-PCIe socket, support m-SATA SSD, transmission rate: max. 3Gb/s | |
| | Power Consumption | AT/ATX(optional), DC9-30V extended voltage input, support power reverse & over-voltage protection. 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 | Storage Humidity | 0% ~ 90% relative humidity, non-condensing | |
| | Dimensions | 215 x 136 x 50mm | |
| Certificate | Weight | | |
| | | FCC, CE, RoHS | |

Ordering Information

NIS-S991 i3-6100U

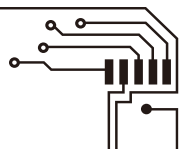
Intel® Core i3-6100U 2.3GHz CPU, Dual-core four thread, 6*USB 3.0, 2*USB 2.0, 2*LAN, 8*COM, VGA+DVI Synch. or asynch. display, 1x Mini-PCIe, support M-SATA SSD

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





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