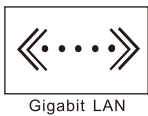
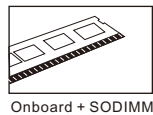
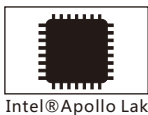


(All photos here are for reference only, Specifications are subject to the physical product.)



Features

- Intel® Apollo Lake series Atom CPU -J3455 Quad-core
- 1*SODIMM slot+ Onboard 4GB DDR3L RAM
- Intel®HD Graphics 500 graphic card , built-in 12 Eus unit
- Graphics Media Accelerator
- VGA+HDMI , Three Synch. & Asynch. Display
- 4*USB 3.0 , 1*USB 2.0 , 2*COM , 8bit GPIO
- 1*Full-size m-SATA scoket , KINGSTONE 32G EMMC optional
- 1*Full-size Mini-PCIe (support PCIe & USB devices)
- 1*Full-size Mini-PCIe (support USB 3G/4G communication Module)
- 2*GbE Lan, Support wake-on-Lan/PXE
- DC9-19V input, support power reverse and over-voltage protection
- FCC CLASS A, CE, RoHS

Specification

Processor	CPU	Intel® Apollo Lake series Atom CPU -J3455 Quad-core, up to 2.3GHz, fanless.
	CPU Package	Intel® Apollo Lake SOC
	Chipset	Intel® Apollo Lake series Atom SOC
	BIOS	64Mb UEFI BIOS, support wake-up and boot-on-power, external CMOS battery
Memory	Architecture	DDR3L 1866/1600/1333 non-ECC SODIMM
	Capacity	MAX 16GB
	Socket	1*SODIMM slot+ Onboard 4GB DDR3L RAM
Display	Graphic Controller	Integrated Intel® HD Graphics 500 graphic, up to 750MHz, built-in 12 Eus unit graphic media accelerator
		DirectX 12, Pixel Shader 5.0
		Support H.264@Level 5.2, HEVC(H.265), JPEG, VP8, VP9 hardware decoding
	VGA	Max. Resolution: 2K
	HDMI	2* HDMI port, max. resolution: 4K@30Hz, support audio output & Blu-ray & HD display
	Three Display	Three Synch. & Asynch. Display
LAN	Controller	LAN1: RTL8111E GbE network, RJ45 LAN2: RTL8111E GbE network, RJ45
		Support wake-on-Lan / PXE functions
Audio	Controller	Realtek HD ALC662 audio decode
Super I/O	Controller	NTC6102 SIO
H/W Monitor	Watchdog Timer	0-255 sec., provide Watchdog program
	Temp. Monitor	Support CPU /Motherboard/ HDD temp. monitoring
I/O	USB 3.0	4* USB 3.0 PORT, Support Max. +5V@1A.
	USB 2.0	2* USB 2.0 PORT, Support Max. +5V@1A.
	Serial Port	Com1 3-wire RS232 (DB9 integrate 4-wire GPIO) Com2 3-wire RS232/485 optional (DB9 integrate 4-wire GPIO)
	GPIO	8 bit, provide routine as reference, freely-defined I/O, 3.3V24mA, integrated in the DB9 of COM1/2
Expansion Bus	Mini-PCIe	1*Full-size Mini-PCIe slot, support USB 3G/4G communication module 3G UIM slot
Storage	M-SATA	1*Full-size m-SATA scoket, Max. transmission rate: 3Gb/s
	EMMC	KINGSTONE 32G EMMC optional
Power	Power Type	AT/ATX power mode optional, DC9-19V input, support power reverse and over-voltage protection
F_PANEL	LED	Switch with LED HDD/POWER LED
Environment	Operating Temp.	-20°C ~ 70°C
	Storage Temp.	-40°C ~ 80°C
	Operating Humidity	0% ~ 90% relative humidity, non-condensing
	Storage Humidity	0% ~ 90% relative humidity, non-condensing
Formfactor	Dimensions	143 x 134 x 34
Certificate		FCC CLASS B, CE, RoHS, 3C

Ordering Information

