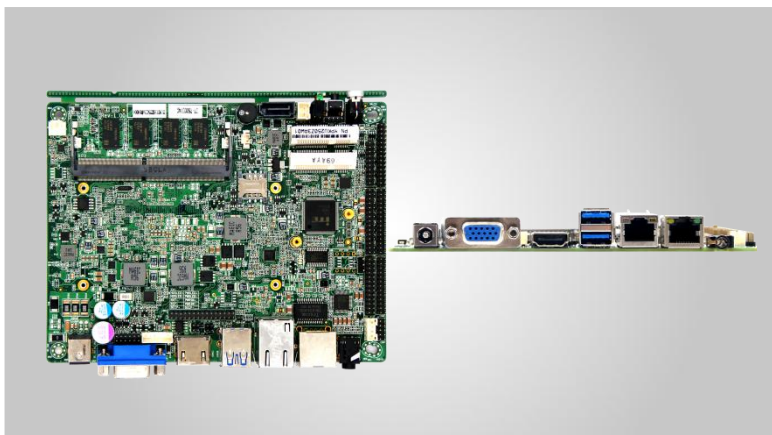# KU250Z3AW
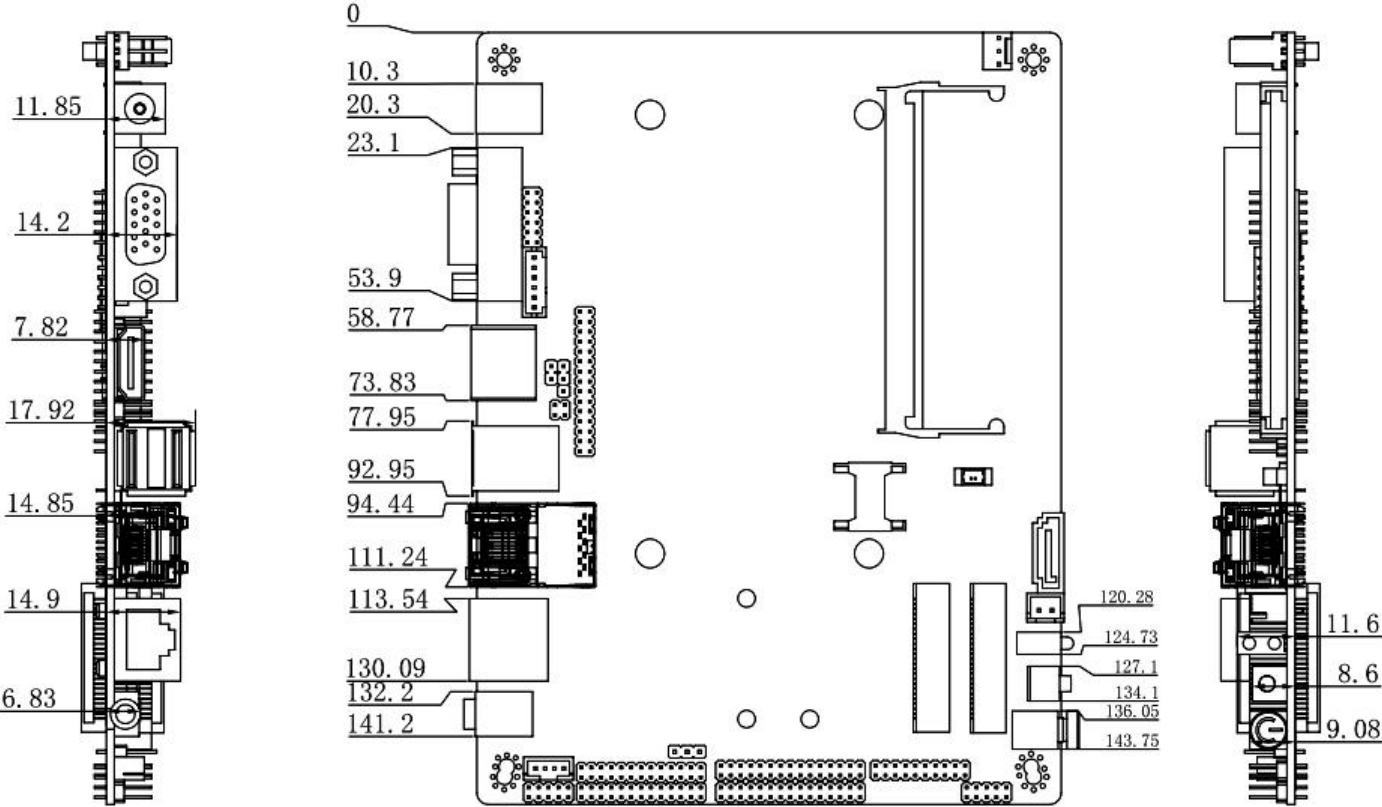

◆ Integrated Intel 7th Generation Mobile Kaby lake-U single Chip CPU；

◆ Integrated 2GB / 4GB / 8G DDR4 memory；

◆ 1 * VGA , 1 * HDMI 1.4 (Support 4K Display Output)；

◆ 1 * LVDS (dual 24 - bit) and EDP1.3 , 4 - bit (select one)

◆ On board dual channel power amplifier, each channel supports 6W 8 Omega horn；

◆ Support power - on auto - start function , jumper selection；

◆ Support Intel AMT active Management Technology

◆ Wide pressure 8-36V input;

specifications

Processor system	CPU	Intel® Core™7th Kaby lake-U Soc i3/i5/i7 CPU
	CPU package	BGA
	chipset	Intel® Kaby lake-U series SOC
	BIOS	EFI BIOS
internal storage	Technical architecture	single channel DDR4 2133Mhz；
	memory	integration 2GB/4GB/8G DDR4
	slot	Add 1 slot, up to 16GB of memory
video frequency	graphics controller	Intel HD Graphics 620(I3-7100U Graphics card）；Graphics card model is related to CPU
	Dual LVDS and EDP	Support dual channel 24 bit output, maximum resolution 1920 x 1200 EDP maximum resolution support 4096U 2304 (only one option)
	VGA	VGA Support maximum resolution 2048x1536
	HDMI	Maximum resolution support（HDMI1.4）4096*2304@30HZ Support for 4K display
	Dual display support	LVDS + VGA,LVDS+HDMI,HDMI+VGA Synchronous or asynchronous display
	Three display	Support LVDS VGA HDMI three-screen synchronous or asynchronous display
I/Orear panel	port	1*VGA,1*HDMI,2*LAN,2*USB3.0/1*MIC-OUT/LINE-OUT
network	controller	1*Intel I211AT and 1*Intel I219VGigabit Ethernet （When the I / O interface is 4 USB, there's only one Intel I211AT card.）
audio frequency	controller	HD ALC662 audio decoding (left and right channel + microphone)
Super I/O	controller	ITE8786E
Hardware monitoring	Watchdog timer	0 - 255 seconds to provide watchdog routines
	Cooler	Aluminum with fan radiator (support automatic and manual fan speed adjustment)
Input / output interface	USB	2*USB3.0 is compatible with USB2.0 / 1.1 / 6*USB2.0, with maximum support of 5V / 1.5A
	COM	5 RS-232, 1 RS422 / 485 optional RS485 supports automatic flow control
	PS/2	1*PS/2 Pin interface
	touch screen	Support for touch-screen 4wire 5wire 8 wire8 (optional)
	GPIO	8-bit, providing routines, freely defined input / output 3.3V @ 24mA level
Extended bus	Mini-PCIe	2 Mini-PCIe slots supporting PCIe and USB devices
memory	SATA	1 standard SATAIII interface with maximum transmission rate of 6GB / s
	Onboard SSD	Onboard SSD 16/32/64/128G optional
	M-SATA	1 Mini-PCIe M-SATA Scoket.Supports SANDISK protocol, maximum transfer rate 6gb/s
source	Power supply type	Wide voltage 8-36V input
	Power consumption	35W
work environment	working temperature	-20℃ ～ +60℃
	Storage temperature	-40℃ ～ +85℃
	Working humidity	0% ~ 90% relative humidity, no condensation
	Storage humidity	0% ~ 90% relative humidity, no condensation
Appearance dimension	size	154.8 x 117.4 mm
	weight	0.5KG
attestation		CE,ROSH,FCC

尺寸　　　　　　　　　　　　　　　　　　　　　　　　　　　　单位：mm

订购信息

model	describe	CPU Optional
KU250Z3AW-I3	Integrated Intel 7th Generation Mobile Kaby lake-u Integrated 2G / 4G / 8G DDR4 memory (extended to 16G)	I3-7100U
KU250Z3AW-I5	Integrated Intel 7th Generation Mobile Kaby lake-u Integrated 2G / 4G / 8G DDR4 memory (extended to 16G)	I5-7200U
KU250Z3AW-I7	Integrated Intel 7th Generation Mobile Kaby lake-u Integrated 2G / 4G / 8G DDR4 memory (extended to 16G	I7-7500U
KU250Z3AW-Celeron	Integrated Intel 7th Generation Mobile Kaby lake-u Integrated 2G / 4G / 8G DDR4 memory (extended to 16G	3865U

packing list

1*Drive CD
1*SATA
1*SATA-P cable
1*COM cable

Optional Accessories

name of a part	specifications	
Inscribe USB cable	Length 32CM 2 USB port	Wire can be customized according to customer requirements
Inscribe COM cable	Length 32cm integrated molding solid	
Inscribe VGA cable	Length 36CMU 2.54 spacing needle	
Inscribe LPT cable	Long 30CMU 2.54 spacing row needle	
Note: SSD electronic disk, memory, adapter power supply, wireless WiFi module, chassis and other accessories can be specific consulting salesman		

PIESIA