

WU310Z3A



- ◆ Adopt Whiskey Lake-U Celeron, Core i3 / i5 / i7 series processors
- ◆ Onboard 4G / 8G DDR4 memory, 1 * DDR4 SODIMM 260 Socket;
- ◆ 1 Intel I211AT, 1 Intel I219-LM Gigabit network card;
- ◆ 1 * DP ++ interface, 1 * HDMI interface, 1 * EDP or LVDS interface (choose one)
- ◆ COM1, 2, 4 can be selected as RS232 or RS485 through the jumper cap and BIOS, COM3 can be selected as RS422 / RS485 through the BIOS, COM5, COM6 are RS232)
- ◆ Support Intel AMT remote management technology (CPU has Vpro platform qualification and Intel I219-LM network card)
- ◆ Single input DC power supply, DC9-36V power supply

specification

Processor system	CPU	Adopt Whiskey Lake-U Celeron, Core i3 / i5 / i7 series processors
	CPU package	BGA
	chipset	Intel® Whiskey lake-U series SOC
	BIOS	EFI BIOS
RAM	Technology Architecture	Dual channel DDR4 2133Mhz; maximum capacity supports 24G (onboard 8G + extended 16G)
	Onboard memory particles	4G / 8G DDR4 onboard memory optional
	Slot	1 * DDR4 SODIMM 260 Socket
video	Graphics controller	Intel® UHD Graphics 620 (graphics card for i7-8565U); the graphics card model is related to the CPU
	HDMI	One HDMI1.4 interface, maximum resolution support (HDMI1.4) 4096 * 22160 @ 30HZ support 4K display
	DP ++	1 DP 1.2 interface, support DP ++, maximum resolution support (HDMI1.4) 4096 * 2304 @ 60HZ support 4K display
	LVDS / EDP	1 LVDS maximum support 1920 * 1080 or 1 EDP1.2 maximum support 4096x2160 @ 60 Hz 24bpp (choose one)
	Dual display support	LVDS / EDP + DP, LVDS / EDP + HDMI, HDMI + DP synchronous or asynchronous display
	Three displays	LVDS / EDP + DP + HDMI synchronous or asynchronous display
I / O backplane	port	1 * HDMI, 1 * DP ++, 4 * USB3.1 (GEN2), 2 * LAN, 1 * MIC + LINE2 OUT 1 * DC
Network	Controller	1*Intel I211AT, 1*Intel I219-LM
Audio	ALC662-VD	1 * MIC1, 1 * LINE2 OUR, 1 * MIC2, 1 * FRONT OUT, 1 * SPDIF, 1 * AMPLIFIER OUT (TPA3113D2, 6W)
Super I / O	Controller	IT8786E-I / EX / GX / HX
Hardware monitoring	Watchdog timer	0-255 seconds, provide watchdog routine
	Cooler	Aluminum radiator with fan
Input / output interface	USB	4 * USB3.1 (USB3.1 GEN2 is backward compatible), when using Celeron Pentium processor, USB can only reach GEN1 4 USB2.0
	Serial port	COM1, 2, 4 can be selected as RS232 or RS485 by jumper cap and BIOS, COM3 can be selected as RS422 / RS485 by BIOS, COM5, COM6 are RS232
	GPIO	8 bits, provide routines, freely define input / output, 3.3V@24mA level
Expansion bus	Mini-PCle	1 Mini-PCle slot, support PCIE signal and USB signal device
	M.2	M.2 KEY E: 2230 (WIFI) interface
storage	SATA	1 standard SATAIII interface, maximum transfer rate 6Gb / s
	M-SATA	1 Mini-PCle M-SATA Scoket, support SANDISK protocol, maximum transfer rate 6gb / s (choose with onboard SSD)
	Onboard SSD	Onboard 32G / 64G / 128G (choose one with MSATA)

power supply	Power type	DC 9-36V power supply
working environment	Operating temperature	-20 ℃ ~ + 60 ℃
	storage temperature	-40 ℃ ~ + 85 ℃
	Working humidity	0% ~ 90% relative humidity, no condensation
	Storage humidity	0% ~ 90% relative humidity, no condensation
system		WIN10 Linux
dimension	size	154.8 x 117.4 mm
	weight	0.5KG
Certification		CE, RoHS, FCC

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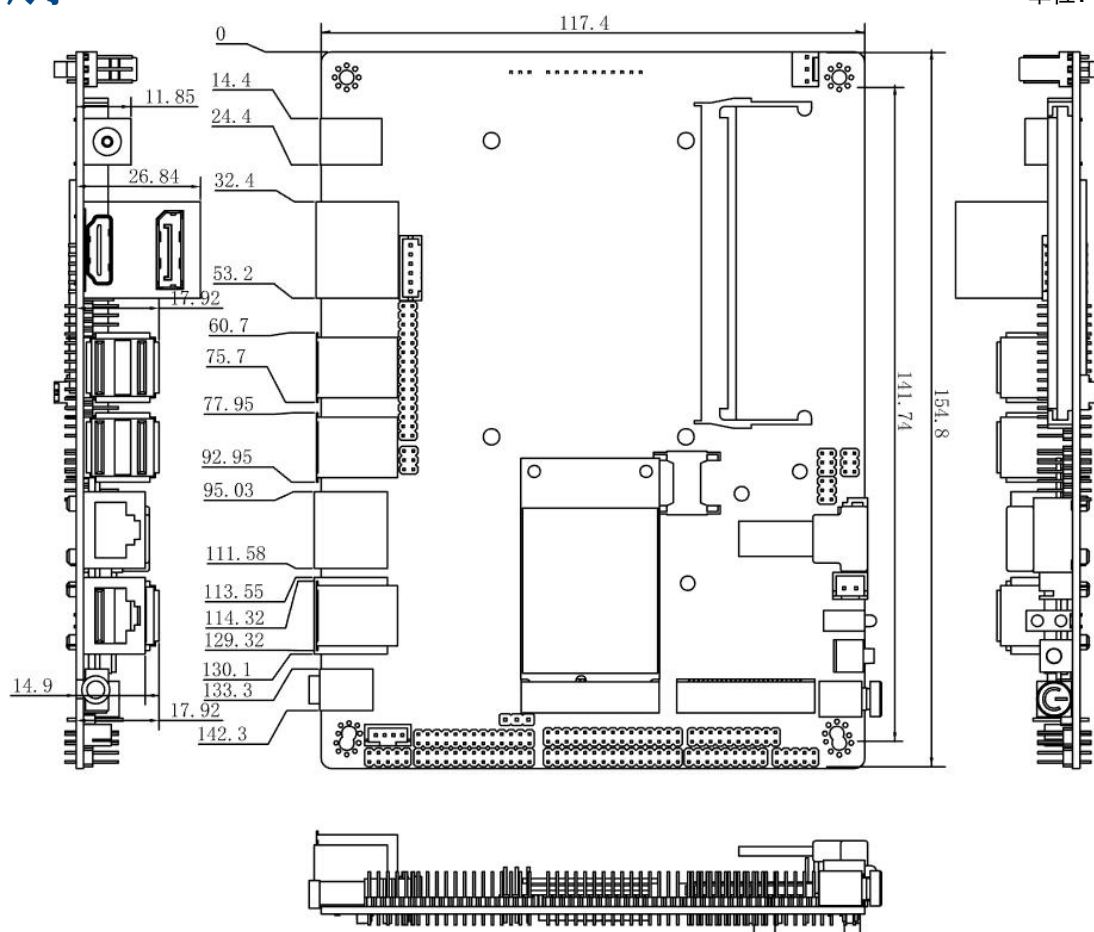
所有产品规格如有变更, 均不另行通知

更新日期: 2019/01/04

WU310Z3A

尺寸

单位: mm



Ordering information

model	description	CPU Optional
WU310Z3A-I7	Integrated Intel 8th generation mobile Whiskey Lake-U	I7-8565U Quad core1.8 GHz 15W I7-8665U Quad core1.9 GHz 15W
WU310Z3A-I5	Integrated Intel 8th generation mobile Whiskey Lake-U	I5-8265U Quad core1.6 GHz 15W I5-8365U Quad core1.6 GHz 15W

WU310Z3A-I3	Integrated Intel 8th generation mobile Whiskey Lake-U	I3-8145U Dual core 2.1 GHz 15W
WU310Z3A-Celeron	Integrated Intel 8th generation mobile Whiskey Lake-U	4205U Dual core 1.8GHz 15W