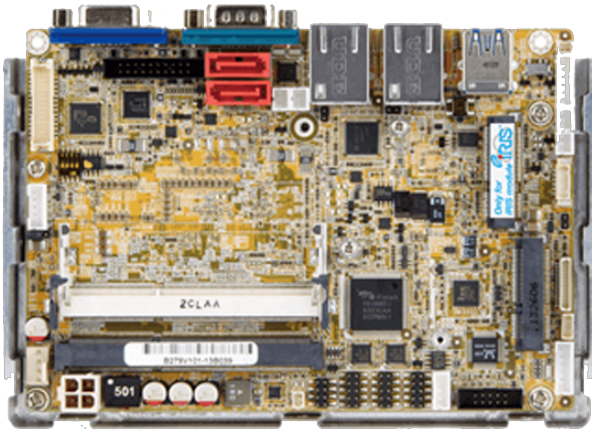


# WAFER-ULT2-i1

3.5" SBC supports Intel® 22nm 4th/14nm 5th Generation Mobile Core™ i7/i5/i3 and Celeron® on-board Processor (ULT)



## Features

- » 3.5" form factor with 4th/5th generation Intel® ULT SoC supports dual-channel DDR3L DIMMs
- » 12V only single voltage design with AT/ATX mode support
- » 18/24-bit dual-channel LVDS support
- » Support triple independent display via LVDS, VGA and iDP
- » Support PCIe Mini card slot for mSATA, 3G card, wireless card and DOM

## Specifications

System	
CPU	5th generation Intel® mobile ULT on-board SoC
	Intel® Core™ i7-5650U (2.2GHz, dual-core, 4MB cache, TDP=15W)
	Intel® Core™ i5-5350U (1.8GHz, dual-core, 3MB cache, TDP=15W)
	Intel® Core™ i3-5010U (2.1GHz, dual-core, 3MB cache, TDP=15W)
	Intel® Celeron® processor 3765U (1.9GHz, dual-core, 2MB cache, TDP=15W)
Memory	Two 204-pin 1600/1333 MHz dual-channel DDR3L SDRAM SO-DIMM
Memory Max.	16GB
Physical Characteristics	
Dimensions (LxWxH) (mm)	146 X 102
Net Weight	250
Storage	
Storage	2 x SATA
	1 x mSATA
I/O Interface	
Display Output	1 x VGA
	1 x LVDS
	1 x iDP
Ethernet	LAN
Audio	Description:
I/O Interface	1 x External RS-232
	2 x Internal RS-232
	1 x Internal RS-422/485
	2 x External USB 3.2 Gen1x1
	2 x Internal USB 2.0
	1 x PS/2
Expansion	1 x PCIe mini Card Slot
Power	

Power Consumption	12V@2.72A (Intel® Core™ i5-4300U CPU with two 8 GB 1600 MHz DDR3 memory)
Power Supply	12V only DC Input, 1 x internal power connector(2 x 2 pin), support AT/ATX mode
Environment	
Operating Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
Certifications	
Safety & EMC	CE/FCC compliant

## Ordering Information

WAFER-ULT2-i1-i5-R12	3.5" SBC with Intel 14nm 5th Gen ULT Mobile Core i5-5350U processor(ULT), VGA/LVDS/iDP, Dual GbE, USB 3.0, PCIe Mini, SATA 6Gb/s Audio, iRIS-1010 and RoHS
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## Packing List

1 x WAFER-ULT single board computer with heatsink enclosure	1 x Audio cable
1 x Dual-port USB 2.0 cable	1 x Power cable
1 x QIG	2 x SATA with 5V output cable kit