

工业主板 > 单板 > 嵌入式板卡

### **WAFER-ULT4**



3.5" SBC supports Intel® 7th Generation ULT Processor with DDR4 SO-DIMM/On-board Memory Support

#### **Features**

- » 3.5" SBC with Intel® 7th Generation ULT processor supports DDR4 SO-DIMM (on-board memory support by request)
- » Triple display with VGA/iDP, HDMI™ and LVDS selection
- » Two PCIe Mini with mSATA/SIM card slot support
- » Intel® GbE LAN with Intel® AMT 11.0 supported
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery  $\,$

### **Specifications**

System		
CPU	7th generation Intel® mobile ULT processor	
	Intel® Core™ i7-7600U (up to 3.9GHz, dual-core, 4MB cache, TDP=15W)	
	Intel® Core™ i5-7300U (up to 3.5GHz, dual-core, 3MB cache, TDP=15W)	
	Intel® Core™ i3-7100U (up to 2.4GHz, dual-core, 3MB cache, TDP=15W)	
Memory	1 x 260-pin 2133MHz DDR4 SDRAM SO-DIMM (channel 1)	
	On-board 4GB/8GB DDR4 memory (channel 2, optional support by request)	
Memory Max.	16GB	
Physical Characteristics		
Dimensions (LxWxH) (mm)	ons (LxWxH) (mm) 146 X 102	
Net Weight	250	
Storage		
Storage	1 x SATA :6Gb/s	
	1 x mSATA	
I/O Interface		
Display Output	1 x VGA :up to 1920x1200@60Hz	
	1 x HDMI™ :up to 4096x2160@30Hz	
	1 x LVDS :18/24-bit dual-channel (up to 1920x1200@60Hz)	
	1 x iDP :for HDMI™, LVDS, VGA, DVI, DP (co-layout with VGA)	
Ethernet	2 x LAN :1 x Intel® I219LM,1 x Intel® I211AT	
Audio	Description: :1 x HD audio (2x5 pin, supports 7.1-channel HD audio by AC-KIT-892HD-R10)	
I/O Interface	2 x Internal RS-232/422/485 :1x9 pin, P=1.25	
	4 x External USB 3.2 Gen1x1	
	2 x Internal USB 2.0 :2x4 pin, P=2.0	
Expansion	2 x PCIe mini Card Slot :1 x Support mSATA,1 x support SIM card	
Power		
Power Consumption	12V@4.27A (Intel® Core™ i7-6600U up to 3.4GHz CPU with 16GB 2133MHz DDR4 memory running in 3.0GHz)	
Power Supply	12V only DC input,1 x internal power connector(2 x 2 pin, or optional terminal block)	
Environment		
Operating Temperature	-20°C ~ 60°C	
Storage Temperature	-20°C ~ 60°C	
Humidity	5% ~ 95%, non-condensing	



Certifications	
Safety & EMC	CE/FCC compliant

# Ordering Information

WAFER-ULT4-i5-R10	3.5" SBC supports Intel® 7th Generation ULT Core™ i5-7300U processor with DDR4 SO-DIMM,
	triple display with VGA/iDP, HDMI™, LVDS, Dual GbE, PCIe mini with SIM card slot/mSATA
	support, SATA 6Gb/s, COM, and RoHS

# Packing List

1 x WAFER-ULT4 single board computer with heat spreader	1 x Power cable
1 x RS-232/422/485 cable	1 x QIG
1 x SATA with power cable kit	