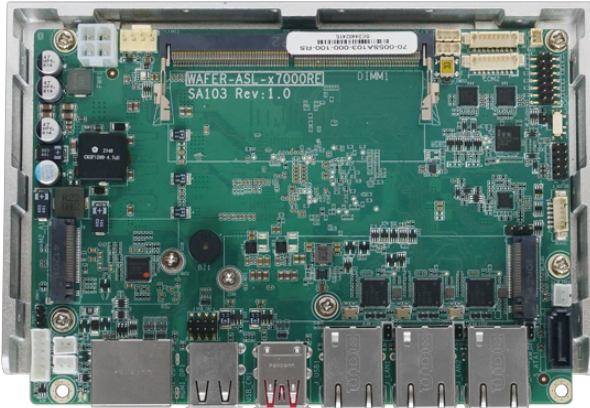


WAFER-ASL

3.5" SBC supports Intel® Atom™ x7000 RE series on-board SoC, double display with DP, HDMI, triple 2.5 GbE, USB 3.2 gen 2, M.2, SATA 6Gb/s, COM and RoHS, -40°C~85°C



Features

- » 3.5吋 SBC 支持 Intel® Atom™ x7000 RE 系列板载 SoC
- » 单根 DDR5 4800 SO-DIMM , 支持高达 16GB 内存
- » 支持三路 I226-IT 2.5GbE 网络端口
- » 支持 M.2 M key 和 M.2 A key 扩展
- » 支持 +12V~28V DC输入和 -40°C~85°C 宽温工作环境

Specifications

尺寸类型	
尺寸类型	3.5" SBC
系统	
CPU	Intel® Amston Lake Atom™ x7000 series processor
	Intel® Atom™ x7211RE SoC Processor
	Intel® Atom™ x7213RE SoC Processor
	Intel® Atom™ x7433RE SoC Processor
	Intel® Atom™ x7835RE SoC Processor
内存	1 x 262-pin DDR5 4800 SO-DIMM, 支持高达 16GB内存
内存上限	16GB
物理特性	
尺寸 (LxWxH) (mm)	146mm x 102mm
净重	350g
存储	
存储	1 x SATA : 6Gb/s
	1 x M.2(NGFF) : M.2 M Key 2242/2280 (PCIe Gen3 x2)
I/O 接口	
显示输出	1 x HDMI™ : 高达 4096 x 2160 @ 30Hz
	1 x Display Port : 高达 4096 x 2160 @ 60Hz
网络	3 x LAN -
	LAN1: Intel® i226-IT 2.5 GbE LAN
	LAN2: Intel® i226-IT 2.5 GbE LAN
	LAN3: Intel® i226-IT 2.5 GbE LAN
音频	1 x HD Audio : IAUDIO, 支持 IEI AC-KIT-888S 音频模块 (2x5 pin)
I/O接口	2 x 内部RS-232/422/485 : 1x9 pin, P=1.25
	2 x 外部 USB 2.0 (Type A)
	2 x 内部 USB 2.0 (2x4 pin, P=2.0)
	1 x DIO : 12-bit digital I/O (2x7 pin)
	2 x 外部 USB 3.2 Gen2x1 : 10Gb/s(Type A)
	1 x I²C : 1x4 pin, P=1.25
扩展	2 x M.2(NGFF) -
	1 x M.2 A Key 2230 (PCIe Gen3 x1 & USB 2.0)
	1 x M.2 M Key 2242/2280 (PCIe gen3 x2)

电源	
Input	+12V~28V DC input power (AT/ATX mode)
电源功耗	12V@4.163A; 19V@2.618A; 24V@2.057A; 28V@1.771A
	(Intel® Atom™ x7835RE with 16 GB 4800 MHz LPDDR5 memory, max. loading, EuP mode disabled)
电源供电	ATX/AT电源
	支持AT/ATX模式
	符合 ErP/EuP
环境	
操作温度	-40°C ~ 85°C
存储温度	-40°C ~ 85°C
Humidity	5% ~95%, 无冷凝
认证	
Safety & EMC	CE/FCC Compliant
Watchdog Timer	
Watchdog Timer	Software Programmable support 1~255 sec. System reset

Ordering Information

WAFER-ASL-R4-R10	3.5 SBC supports Intel® Atom™ x7835RE on-board SoC, triple display with DP ,HDMI and iDPM slot, triple 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM and RoHS, -40°C ~85°C
WAFER-ASL-R3-R10	3.5 SBC supports Intel® Atom™ x7433RE on-board SoC, triple display with DP ,HDMI and iDPM slot, triple 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM and RoHS, -40°C ~85°C
WAFER-ASL-R2-R10	3.5 SBC supports Intel® Atom™ x7213RE on-board SoC, triple display with DP ,HDMI and iDPM slot, triple 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM and RoHS, -40°C ~85°C
WAFER-ASL-R1-R10	3.5 SBC supports Intel® Atom™ x7211RE on-board SoC, triple display with DP ,HDMI and iDPM slot, triple 2.5 GbE , USB 3.2 gen 2 , M.2, SATA 6Gb/s, COM and RoHS, -40°C ~85°C

Packing List

1 x WAFER-ASL 主板	1 x SATA 线材
1 x QIG	