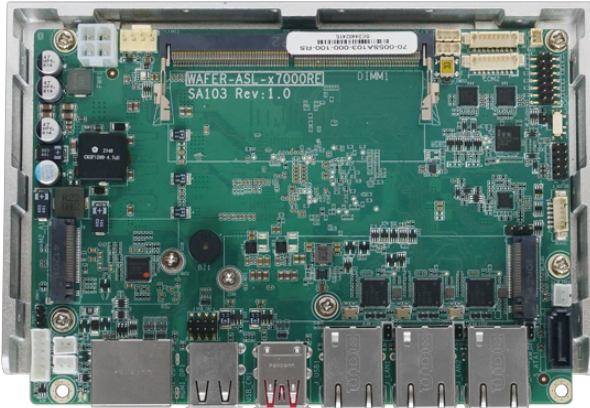


WAFER-ASL

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 | |