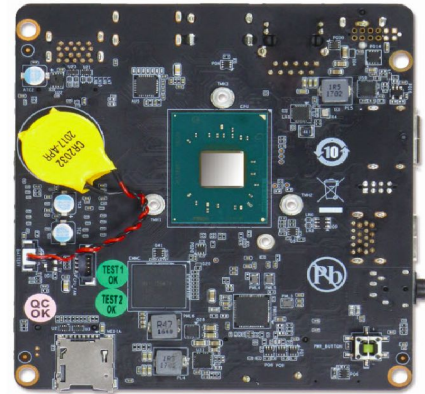
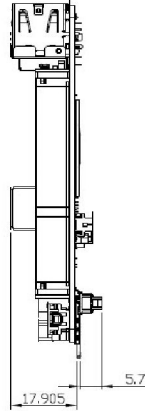
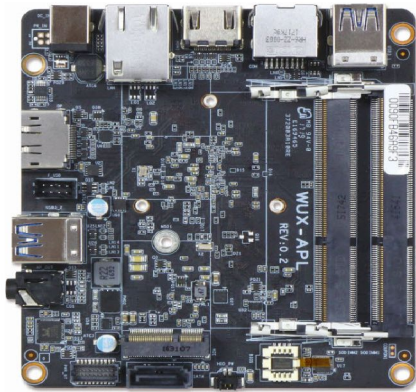


WUX-3350

Intel® Apollo Lake Atom™ Processor based 4x4-inch mini PC Board with DDR3L SDRAM, Gigabit Ethernet, M.2(E+A key)socket, one COM ports and 12~19V DC input

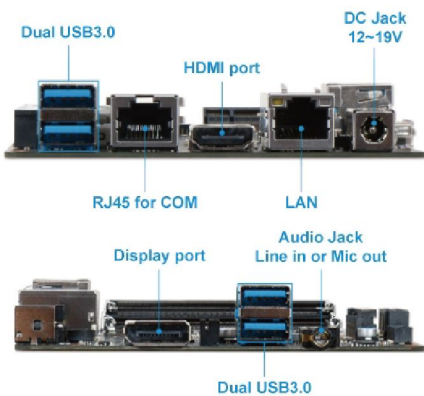


WUX-3455/3350/4200 builds on Intel® Atom™ Apollo Lake SOC and takes advantages of Intel® Pentium and Celeron Processor support Dual/Quad Core (up to 10W) that can support dual channel DDR3L memory. Support one Gigabit Ethernet port and one M.2 socket and wide voltage of power input from 12V to 19V.

FEATURES

- Supports Intel® Apollo Lake series processor
- Supports DD3L-1866/1600 non-ECC SDRAM on one SODIMM slots, up to 8GB
- Supports Dual displays including DP and HDMI up to UHD resolution
- Supports one M.2 (E+A Key)slot, one SATAIII Port and one MicroSD3.0 socket
- Supports wide voltage of DC power input from 12V ~19V

REAR I/O



GENERAL

| | |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Processor | Intel® Atom™ Apollo Lake SOC, Pentium® and Celeron® Processor support Dual/Quad Core (up to 10W) with 2MB Cache |
| BIOS | AMI uEFI BIOS |
| Memory | Support up to 8GB DDR3L 1333/1600/1866 MH/z SDRAM on two 204 pin SODIMM socket |
| Storage Devices | - 1x SATA III port - 1x Micro-SD 3.0 socket - Support Onboard eMMC 5.0 (32G/64G) |
| Watchdog Timer | Programmable watchdog timer, time out period from 1 sec to 255 secs. |
| Hardware Monitoring | Temperature (CPU & System) Voltage (CPU Vcore, 1.2V, 5V, 3.3V, 1.35V) |

I/O INTERFACE

| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Expansion Interface | one M.2 socket (E+A key) support WiFi, BT, 3G & 4G |
| Audio | - High Definition Audio integrated in Intel SoC - Realtek ALC255 HDA codec - Audio jack with Line-out or Mic -in function on REAR I/O |
| Ethernet | One Realtek RTL8111H W/ RJ45 connector on REAR I/O |
| Serial Port | One RS-232 with RJ45 connector on REAR I/O |
| USB | - 4x USB 3.0 ports on REAR I/O - 2x USB 2.0 ports on board with pitch 2.0 header |

DISPLAY

| | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Others | TPM2.0 on board(optional) |
| Graphic Controller | Intel® Gen 9 Graphics supports DirectX 12, OpenGL 4.2 / OpenCL 2.0 Video decode HW acceleration support for H.264, H.265, MPEG2, VC-1/WMV9, JPEG, VP8, and VP9 |

Mechanical & Environment

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Display Interface | - HDMI(1.4b): on board connector, resolution up to 3840 x2160 - DP(1.2): on board connector, resolution up to 4096x2160 |
| Dimension | 101.6(L) x 101.6(W) mm; 4"(L) x 4"(W) |
| Power Supply | DC 12-19V input |
| Environment | Operation Temperature: 0°C to 60°C Storage Temperature: -40°C to 80°C Relative Humidity: 5% to 95%, non-condensing |

ORDERING GUIDE

| | |
|----------|-----------------------------------------------------------------------|
| ABC-3006 | (R).WUX-4200-WS. Intel N4200.USB. HDMI. LAN. Audio & 32G eMMC. Bulk包. |
| ABC-3007 | (R).WUX-3350-WS. Intel N3350.USB. HDMI. LAN. Audio & 32G eMMC. Bulk包. |
| ABC-3008 | (R).WUX-3455-WS. Intel J3455.USB. HDMI. LAN. Audio & 32G eMMC. Bulk包. |
| AB4-A001 | (R).WUX-3455. Intel J3455.USB. HDMI. LAN. Audio & 32G eMMC. |
| ABC-3005 | (R).WUX-3350. Intel N3350.USB. HDMI. LAN. Audio & 32G eMMC. |
| ABC-3004 | (R).WUX-4200. Intel N4200. USB. HDMI. LAN. Audio & 32G eMMC. |

