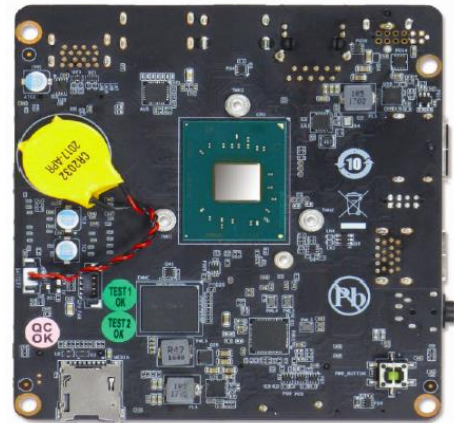
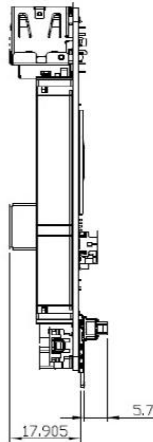
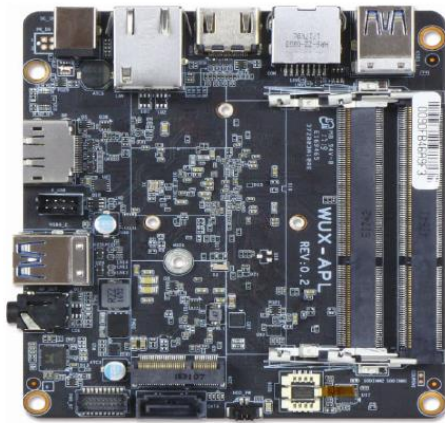


WUX-3350/3455/4200

Intel® Pentium®/Celeron® processors ("Apollo Lake") based 4x4-inch mini PC board with DDR3L SDRAM, Gigabit Ethernet, M.2 (E+A key), COM port, 12~19V DC input



The WUX-3350 series of 4x4-inch mini PC board is designed with Intel® Pentium® processor N4200, and Intel® Celeron® processor N3350/J3455 (codenamed Apollo Lake), and features dual-channel DDR3L up to 8GB, Gigabit Ethernet, M.2 expansion interface, and support for wide input voltage range from 12V to 19V.

FEATURES

- Intel® Pentium® processor N4200, Intel® Celeron® processor N3350/J3455 (codenamed Apollo Lake)
- DDR3L 1866/1600 MHz SDRAM, up to 8GB
- Dual displays via HDMI and DisplayPort
- 1x M.2 (E+A key), 1x SATA III, 1x microSD 3.0
- Support wide input voltage range from 12V to 19V

REAR I/O



ORDERING GUIDE

| | |
|----------|---|
| WUX-4200 | Intel Pentium N4200. USB. HDMI. GbE. Audio. 32GB eMMC |
| WUX-3350 | Intel Celeron N3350. USB. HDMI. GbE. Audio. 32GB eMMC |
| WUX-3455 | Intel Celeron J3455. USB. HDMI. GbE. Audio. 32GB eMMC |

GENERAL

| | |
|----------------------------|--|
| Processor | <ul style="list-style-type: none"> Intel® Pentium® N4200, 4 cores, 1.1GHz/2.5GHz, 6W TDP Intel® Celeron® N3350, 2 cores, 1.1GHz/2.4GHz, 6W TDP Intel® Celeron® J3455, 4 cores, 1.5GHz/2.3GHz, 10W TDP |
| Chipset | Integrated |
| BIOS | AMI UEFI BIOS |
| Memory | <ul style="list-style-type: none"> DDR3L 1866/1600 MHz memory Dual 204-pin SODIMM sockets, up to 8GB |
| Storage Device | <ul style="list-style-type: none"> 1x SATA III 1x microSD 3.0 On-board eMMC 5.0 flash, 32GB (64GB, option) |
| Watchdog Timer | Programmable watchdog timer from 1 sec. to 255 secs. |
| Hardware Monitoring | <ul style="list-style-type: none"> Temperature (CPU & system) Voltage (CPU Vcore, 12V, 5V, 3.3V, 1.35V) |

I/O INTERFACE

| | |
|----------------------------|--|
| Expansion Interface | 1x M.2 interface (E+A key) supporting WiFi, Bluetooth, 3G, 4G |
| Audio | <ul style="list-style-type: none"> Intel® HD Audio integrated in SoC Realtek ALC255 HDA codec Audio jack with Line-out or Mic-in function on rear I/O |
| Ethernet | Realtek RTL8111H with RJ45 connector on rear I/O |
| Serial Port | 1x RS-232 with RJ45 connector on rear I/O |
| USB | <ul style="list-style-type: none"> 4x USB 3.0 ports on rear I/O 2x USB 2.0 ports on-board with pitch 2.0 header |
| Others | TPM2.0 on-board (optional) |

DISPLAY

| | |
|----------------------------|--|
| Graphics Controller | <ul style="list-style-type: none"> Intel® Gen 9 Graphics supporting DirectX 12, OpenGL 4.2, OpenCL 2.0 HW accelerated video decoding supporting H.264, H.265, MPEG2, VC-1/WMV9, JPEG, VP8, VP9 |
| Display Interface | <ul style="list-style-type: none"> HDMI (1.4b): On-board connector, resolution up to 3840x2160 DisplayPort (1.2): On-board connector, resolution up to 4096x2160 |

Mechanical & Environment

| | |
|---------------------|---|
| Dimension | 101.6(L) x 101.6(W) mm; 4"(L) x 4"(W) |
| Power Supply | DC 12V~19V input |
| Environment | <ul style="list-style-type: none"> Operating temperature: 0°C to 60°C Storage temperature: -40°C to 80°C Relative humidity: 5%-95%, non-condensing |

*All information provided is subject to change without notice. Last updated: Jan 4, 2018