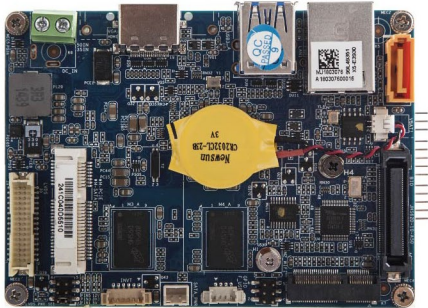


Apollo Lake **LVDS** **HDMI** **M.2** **USB3.0**



Features

- Intel® Apollo Lake Processors
- DDR3L-1600MHz, Onboard 2GB
- 1 x LVDS, 1 x HDMI or 1 x VGA
- 1 x SATA, 1 x mSATA
- 2 x USB3.0, 1 x USB2.0, 2 x RS232
- 1 x RJ45, 1 x M.2 (2230) for WIFI

Specifications

| | |
|-----------------------|--|
| CPU | Intel® Celeron N3350/Atom x5-E3930 |
| Frequency | 1.10 GHz (Up to 2.40 GHz)/1.30 GHz (Up to 1.80 GHz) |
| BIOS | AMI Source Code |
| Chipset | SOC |
| System Memory | DDR3L-1600MHz Onboard 2GB |
| GPU | Intel® HD Graphics |
| Graphic Engine | DirectX 11.1, OpenGL 3.0, OCL 1.1, OpenGL ES 2.0 |
| Network Controller | 1 x I210-IT Gigabit Ethernet |
| SIO | F81801U-I |
| Rear I/O | 2 x USB 3.0 1 x HDMI (Max. 3840 x 2160 @30Hz) 1 x VGA (Max. 1920 x 1080 @60Hz) 1 x RJ45 |
| Internal I/O | 1 x USB2.0 1 x Dual Channel 24-bit LVDS (Max. 1920 x 1080 @60Hz) 2 x RS232 1 x Full-size Mini-PCle for mSATA 1 x M.2 (2230) for WIFI |
| Storage | 1 x SATA, 1 x Full-size mSATA |
| JAHC | WatchDog Timer Auto Power On RTC |
| Operation System | Windows 10 (64-bit)/ Linux |
| Power Requirement | DC-IN/12V |
| Dimensions (W x D) | 100mm x 72mm (3.94" x 2.83") |
| Storage Temperature | -40°C~75°C (-40~167°F) |
| Operating Temperature | 0°C~60°C (32~140°F)/-20°C~60°C (-4~140°F) |
| Relative Humidity | 95% @ 60°C (non-condensing) |

Order Information

| | |
|------------|------------------------------|
| AP23 N3350 | CPU: Celeron N3350, RAM: 2GB |
| AP23-E3930 | CPU: Atom x5-E3930, RAM: 2GB |

Dimensions and Drawing

