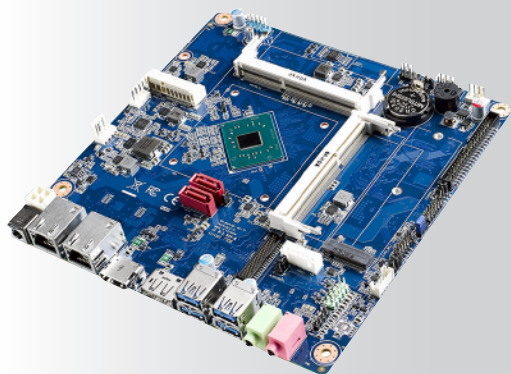


# BAPL2-IL



## Intel® Celeron N3350 / Atom Dual Core Mini-ITX

### Features

- ▶ Supports Intel Celeron processor N3350
- ▶ Two 204-pin SO-DIMM up to 8 GB DDR3L 1866 MHz SDRAM
- ▶ Supports DP, HDMI, LVDS
- ▶ Supports 1 M.2 (key-M), 1 Mini-PCIe expansion slot, 4 COMs, 4 USB 3.0 & 2 USB 2.0, dual LAN
- ▶ Low profile design

### Specifications

#### System

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| CPU                    | Supports Intel Celeron N3350 1.1GHz Dual Core Processor       |
| BIOS                   | AMI 128Mb SPI Flash                                           |
| System Chipset         | SoC                                                           |
| I/O Chip               | Nuvoton NCT6106D                                              |
| Memory Type            | Two 204-pin SODIMM sockets support up to 8GB DDR3L-1867 SDRAM |
| Watchdog Timer         | Reset : 1 to 255 sec/min per step                             |
| Expansion              | 1 Mini-PCIe, 1 PCIe x1                                        |
| Power Status           | S0, S3, S4, S5                                                |
| Wake up on LAN or Ring | LAN (WOL, PXE)                                                |
| Smart Fan Control      | Yes                                                           |

#### I/O

|      |                                                                                                                                           |
|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| MIO  | 1 LVDS, 2 USB2.0, 1 M.2, 1 MicroSD, 3 RS-232, 1 RS-232 with 5V/12V Power (WOL), 1 PS2 Combo, 2 SATA3, 2 Fan, 1 LPC, 1 8-bit GPIO, 1 DC_in |
| USB  | 4 USB3.0(rear), 2 USB2.0(internal)                                                                                                        |
| GPIO | 8-bit General Purpose I/O                                                                                                                 |

#### Display

|             |                                                         |
|-------------|---------------------------------------------------------|
| HDMI        | Onboard, supports max resolution 3840 x 2160 @ 30Hz     |
| DisplayPort | Onboard, supports DP 1.2 (4096x2160@60Hz)               |
| LVDS        | Onboard, dual channel 24-bit LVDS, max 1920 x 1200@60Hz |

#### Audio

|                 |                                      |
|-----------------|--------------------------------------|
| Audio Codec     | Realtek ALC892, 5.1 Channel HD Audio |
| Audio Interface | Line-out, Mic-in, Front Audio Header |

#### Ethernet

|       |                              |
|-------|------------------------------|
| LAN 1 | Realtek RTL8111G Gigabit LAN |
| LAN 2 | Realtek RTL8111G Gigabit LAN |

#### Back Panel I/O Port

1 DisplayPort  
1 HDMI Port  
4 USB 3.0 Port  
1 Line-out, 1 Mic-in  
1 DC-in Connector  
2 LAN RJ45 Port

#### Internal I/O Connector

4 COM RS-232 Connector  
2 SATA 3.0 Connector  
1 SATA Power Connector  
1 Front Panel Connector  
1 Front Audio Connector  
1 CPU Fan Connector  
1 System Fan Connector  
1 USB 2.0 Connector  
1 M.2  
1 Mini PCI-E Connector  
1 Keyboard/ Mouse Connector  
1 LVDS Connector  
1 LVDS Backlight Connector  
1 GPIO Connector

#### Power

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Power Requirement | +12V (5A)                                                      |
| Power Type        | 12V DC-in                                                      |
| Power Connector   | 1 4-pin DC-in Power Connector, 1 4-pin ATX 12V Power Connector |

#### Mechanical & Environmental

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | 0°C to 60°C (32°F to 140°F)          |
| Operating Humidity    | 95%@40°C (non-condensing), operating |
| Size (L x W)          | 6.69" x 6.69" (170 mm x 170 mm)      |
| Weight                | 0.77 lbs (0.35 Kg)                   |

### Ordering Information

| Part Number | Description                     |
|-------------|---------------------------------|
| TBD         | BAPL2-IL mini-ITX CRB for N3350 |