

14 UP 4000 Edge

UP 4000 System with Intel® Pentium® N4200/ Celeron® N3350/ Atom E3950™ Processor SoC

Front View



Rear View



Features

- Intel® Pentium® N4200/ Celeron® N3350/ Atom E3950™ Processor SoC
- Onboard LPDDR4 Memory up to 8GB
- Onboard eMMC Storage up to 64GB
- Dual displays up to 4K at 30Hz
- Gigabit LAN x 1, HDMI x 1, USB 3.2 Gen 1 (Type A) x 3
- Audio Jack x 1 (Line out + Mic in)
- 12V DC-in, 5A
- TPM 2.0

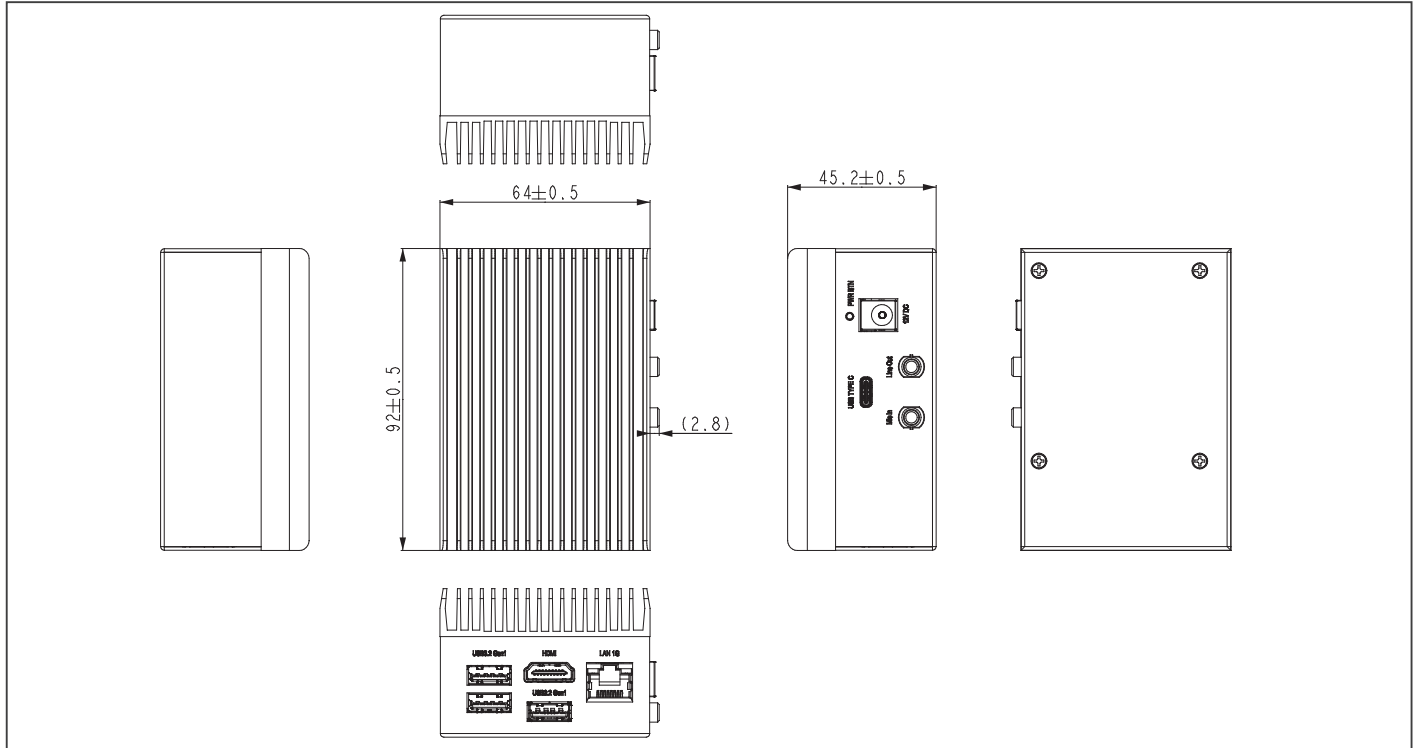


Specifications

| System | |
|-----------------------------|---|
| CPU | Intel® Pentium® N4200/ Celeron® N3350/ Atom E3950™ |
| Memory | Onboard LPDDR4 Memory up to 8GB |
| Graphics | Intel® Gen 9 HD, supporting 4K Codec Decode and Encode for HEVC4, H.264,VP8 |
| Storage | Onboard eMMC Storage up to 64GB |
| Ethernet | Gb Ethernet (full speed) RJ-45 x 1 |
| WiFi/BT | — |
| Expansion Slot | — |
| Security | TPM 2.0 |
| OS Support | Microsoft Windows 10 (full), Windows IOT Core Yocto project 3.1 Kernel 5.4 Ubuntu 18.04 |
| I/O Placements | |
| USB | USB 3.2 Gen 1 (Type A) x 3 USB 3.0 OTG via USB type C x1 |
| Display Port | HDMI 1.4b DP via USB type C |
| Ethernet | RJ45 x1 |
| COM | — |
| Audio | Line out x 1 Mic in x 1 |
| GPIO | — |
| POWER Supply | |
| Power requirement | 12V DC-in @5A |
| Power supply type | DC Jack, 5.5-2.1mm /phoenix co-lay |
| Power Consumption (Typical) | 12V @ 1.25A (15Watt) |
| MECHANICAL | |
| Mounting | VESA MOUNTING |
| Dimensions (WxHxD) | 3.62" x 2.52" x 1.78" (92 x 64 x 45.2 mm) |
| Net Weight | 0.64lb (290g) |
| Gross Weight | 1.21lb (549g) |
| Environment | |
| Operating Temperature | 32°F ~ 140°F (0°C ~ 60°C) with air flow 0.5m/s |
| Operating Humidity | 10% ~ 80% relative humidity, non-condensing |
| Storage Temperature | -4°F ~ 158°F (-20°C ~ 70°C) |
| MTBF | 538,629 hrs @ 30°C |
| Certification | CE/FCC Class A, RoHS Compliant, REACH |

Dimension

Unit: mm



Ordering Information

| Part number | CPU | Memory | Storage | TPM 2.0 | Gbe | LAN | Audio wafer |
|---------------------------|-----------------------|--------|---------|---------|---------|----------|-------------|
| UP-EDGE-APL03C2F-A10-0216 | Apollo Lake N3350(F1) | 2GB | 16GB | yes | Realtek | RTL8111H | yes |
| UP-EDGE-APL03C2F-A10-0232 | Apollo Lake N3350(F1) | 2GB | 32GB | yes | Realtek | RTL8111H | yes |
| UP-EDGE-APL03C2F-A10-0432 | Apollo Lake N3350(F1) | 4GB | 32GB | yes | Realtek | RTL8111H | yes |
| UP-EDGE-APL03P4F-A10-0432 | Apollo Lake N4200(F1) | 4GB | 32GB | yes | Realtek | RTL8111H | yes |
| UP-EDGE-APL03P4F-A10-0864 | Apollo Lake N4200(F1) | 8GB | 64GB | yes | Realtek | RTL8111H | yes |
| UP-EDGE-APL03X7F-A10-0464 | Apollo Lake E3950(F1) | 4GB | 64GB | yes | Realtek | RTL8111H | yes |

Packing List

- UP 4000 Edge

Optional Accessories

| Part Number | Description |
|-------------|--|
| 125530060L | (TF)PowerAdapter.DC.100/240V.12V.5A.60W.Powertronic.PS1065-120IB500.For UPC-PLUS |
| 9651UPED00 | (TF).VESA kit.UP4000-EDGE, A.1 |