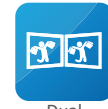


# IBOX-APL7 B TYPE

Fanless Box system with Intel® Atom™/ Pentium®/ Celeron® (Apollo Lake) Processor



Wide DC-in



Dual Display



Fanless

Entry Box PC



## Key Features

- Intel® Atom™/ Pentium®/ Celeron® (Apollo Lake SoC) onboard processor
- Dual display: HDMI/DP
- 1 DP, 2 USB, 1 COM, 1 LAN
- DC 12V or 19~24V
- Wide temperature: 0°C ~ 60°C
- Watchdog timer

## Product Specification

|                       |   |
|-----------------------|---|
| System color          | Silver  |
| Mechanical            | Aluminum extrusion and heavy-duty steel   |
| CPU                   | Intel® Atom™ x7 E3950 1.60GHz (12W)<br>Intel® Atom™ x5-E3940 1.60GHz (9.5W)<br>Intel® Atom™ x5 E3930 1.30GHz (6.5W)<br>Intel® Pentium® N4200 QC 1.10GHz (6W)<br>Intel® Celeron® N3350 DC 1.10GHz (6W) |
| Chipset               | Intel® Apollo Lake-I SoC integrated   |
| Graphic               | Intel® HD Gen. 9-LP graphics  |
| BIOS                  | AMI UEFI Flash ROM  |
| System memory         | 1 x 204-pin DDR3L 1866MHz SDRAM;<br>max. up to 8GB  |
| System I/O            | 1 x DP, 1 x COM (RS232/422/485), 2 x USB 3.0, 1 x LAN   |
| Ethernet              | 1 x M.2 M-key 2242 (SSD)  |
| Storage support       | 1 x mSATA   |
| Expansion slot        | 1 x Mini-PCIe (Full size)<br>1 x M.2 B+M-key 3042 (WWAN, w/uSIM)  |
| System indicators     | 1 x Power LED   |
| System controls       | 1 x Power on switch   |
| Watchdog timer        | Interval: Programmable 1 ~ 255 sec.<br>Output: System reset   |
| OS Support            | Win10, Linux  |
| Power supply          | Wide range DC 12V or 19-24V input<br>(by jumper selection), with AC 60W adapter,<br>DC 12V output, DC Jack-Screw connector  |
| Operating temperature | 0°C ~ 60°C (Optional -20°C ~ -40°C)   |
| Storage temperature   | -20°C ~ 80°C  |
| Relative humidity     | 0% ~ 90% (non-condensing)   |
| Mounting              | Wall mount/VESA75 mount/DIN mount (optional)  |
| Dimensions            | 169 mm(W) x 117.7 mm(D) x 36 mm(H)  |
| Weight                | 0.8 kg  |

## Dimensions

## Rear I/O

Coming soon

## Optional

|            |  |
|------------|--|
| Power cord | US (VN00000100CU) / EUR (VN00000200CU) / JP (VN00000300CU) / UK (VK00028600CU) |
|------------|--|

## Ordering Information

| Part Number              | description   |
|--------------------------|---|
| IBOX-APL7-3950-BN00-0000 | Standard Type B Fanless BOX PC, Intel® Atom™ x7 E3950 1.60GHz (12W), DP, 1COM/2USB/1LAN, BAREBONE, DC(12V or 19~24V)/DC-Jack(Lock) with power adapter |
| IBOX-APL7-3940-BN00-0000 | Standard Type B Fanless BOX PC, Intel® Atom™ x5-E3940 1.60GHz (9.5W), HDMI/DP, 1COM/2USB/2LAN, BAREBONE, DC(12V~36V)/DC-Jack(Lock) with power adapter |
| IBOX-APL7-3930-BN00-0000 | Standard Type B Fanless BOX PC, Intel® Atom™ x5 E3930 1.30GHz (6.5W), HDMI/DP, 1COM/2USB/2LAN, BAREBONE, DC(12V~36V)/DC-Jack(Lock) with power adapter |
| IBOX-APL7-4200-BN00-0000 | Standard Type B Fanless BOX PC, Intel Pentium N4200 QC 1.10GHz (6W), HDMI/DP, 1COM/2USB/2LAN, BAREBONE, DC(12V~36V)/DC-Jack(Lock) with power adapter  |
| IBOX-APL7-3350-BN00-0000 | Standard Type B Fanless BOX PC, Intel Celeron N3350 DC 1.10GHz (6W), HDMI/DP, 1COM/2USB/2LAN, BAREBONE, DC(12V~36V)/DC-Jack(Lock) with power adapter  |