

IBOX-APL7 C 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® (ApolloLake) onboard processor
- Dual display: HDMI/DP
- 1 DP, 3 USB, 3 COM, 1 LAN , 1 AUDIO
- DC 12V or 19~24V input with phoenix connector
- 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) Intel® Atom™ x5-E3940 1.60GHz (9.5W) Intel® Atom™ x5 E3930 1.30GHz (6.5W) Intel® Pentium® N4200 QC 1.10GHz (6W) 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 1833MHz SDRAM; max. up to 8GB
System I/O	1 x DP, 3 x COM (1xRS232/422/485, 2xRS232), 2 x USB 3.0, 1 x USB 2.0, 1 x LAN , 1 x AUDIO
Ethernet	1 x Gigabit Ethernet (Intel® I211)
Storage support	1 x 2.5" HDD , 1 x M.2 M-key 2242
Audio	Mic-in, Line-in, Line-out
Expansion slot	1 x Mini-PCIe (Full size) 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. Output: System reset
OS Support	Win10, Linux
Power supply	Wide range DC 12V or 19 ~24V(by jumper selection) input, Phoenix 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/VESA100 mount/DIN mount (optional)
Dimensions	178 mm(W) x 123.2 mm(D) x 49.8 mm(H)
Weight	1 kg

Optional

Power cord	US (VN00000100CU) / EUR (VN00000200CU) / JP (VN00000300CU) / UK (VK00028600CU)
Power Adapter	90~264VAC.60W ADAPTER (VL22002000AH)

Dimensions

Rear I/O

Coming soon

Ordering Information

Part Number	description
IBOX-APL7-3950-CN00-0000	Standard Type B Fanless BOX PC, Intel® Atom™ x7 E3950 1.60GHz (12W), DP, 3COM/3USB/1LAN/1Audio, BARE BONE, DC(12V or 19~24V)/ Phoenix Connector
IBOX-APL7-3940-CN00-0000	Standard Type B Fanless BOX PC, Intel® Atom™ x5-E3940 1.60GHz (9.5W), DP, 3COM/3USB/1LAN/1Audio, BARE BONE, DC(12V or 19~24V)/ Phoenix Connector
IBOX-APL7-3930-CN00-0000	Standard Type B Fanless BOX PC, Intel® Atom™ x5 E3930 1.30GHz (6.5W), DP, 3COM/3USB/1LAN/1Audio, BARE BONE, DC(12V or 19~24V)/ Phoenix Connector
IBOX-APL7-4200-CN00-0000	Standard Type B Fanless BOX PC, Intel Pentium N4200 QC 1.10GHz (6W), DP, 3COM/3USB/1LAN/1Audio, BARE BONE, DC(12V or 19~24V)/ Phoenix Connector
IBOX-APL7-3350-CN00-0000	Standard Type B Fanless BOX PC, Intel Celeron N3350 DC 1.10GHz (6W), DP, 1COM/2USB/1LAN, BARE BONE, DC(12V or 19~24V)/ Phoenix Connector