

# IPC-SIAL

› Mini Box PC with Intel Apollo Lake N3350/ J3455  
2x HDMI, Up to 8GB DDR3L



## System Specifications

Processor	Intel® Apollo Lake N3350 Dual Core 1.10GHz, 2.40GHz (Burst) Intel® Apollo Lake J3455 Quad Core 1.50GHz, 2.30GHz (Burst)	
Memory	SO-DIMM slot x1, DDR3L-1866MHz up to 8GB	
BIOS	AMI UEFI BIOS	
Expansion	Full-size MiniPCIe x1 (Supports mSATA storage) Half-size MiniPCIe x1 SIM card slot (Function via Full-size MiniPCIe)	
Display	Intel® HD Graphics with Multi-Display support HDMI: Maximum resolution support up to 3840 x 2160 pixels	
HD Audio	Realtek ALC662VD Mic-in & Line-out	
Ethernet	Realtek 8111H GigaLAN x2 (Built-in PXE diskless boot)	
Disk Support	mSATA x1	SATA device x1
Internal I/O	4-pin wafer for SATA power output x1 5-pin header for SMBus x1 USB 2.0 x2 (pin type)	SIM card holder x1 Full-size MiniPCIe slot/mSATA x1 Half-size MiniPCIe slot x1
External I/O	HDMI V1.4 x2 15-pin D-Sub connector for VGA x1 9-pin D-Sub connector for COM x1 (RS-232/RS-485/RS-422/8-bit GPIO)	USB 3.0 x4 RJ45 connector for GigaLAN x2 Phone Jack for Line-out/MIC-in x1

\* All information contained in this document is subject to change without prior notice. Please log on [www.antcomputer.com](http://www.antcomputer.com) to acquire latest information. For detail mechanics drawing, please contact our sales.

Power Requirement	DC +12V~+16V
Operating Temperature	0°C~ 60°C/-20°C~60°C (Optional)
Dimension	115 x 115 x 48.5mm
Mounting	VESA 100 x 100mm/DIN Rail Support (Optional)
Net Weight	660g
Certifications	CE, FCC, VCCI
OS Support	Windows 10, Windows 10 IoT, Linux

Model Type	CPU	D-Sub 9-pin I/O	Temperature
Box PC	IPC-SIALN Apollo Lake N3350	NR: RS-232/422/485 x1	W: -20~+60°C
	IPC-SIALJ Apollo Lake J3455	NRG: 8-bit GPIO x1	None 0~60°C

