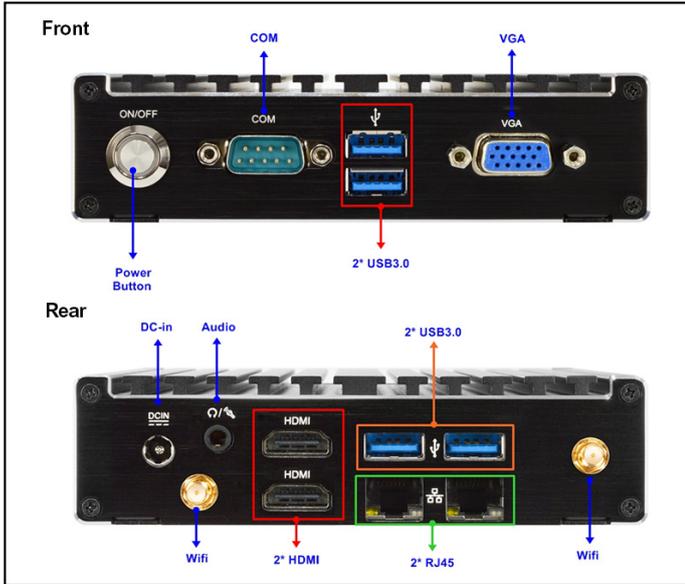


HBJC420U691-345B



Compact

Compact Fanless Embedded System with Intel® SoC CPU Supporting Dual HDMI® and VGA Displays



Features

- **Powered by Intel® SoC-J3455 Processor** : Designed for reliable embedded applications.
- **Diverse Display Outputs: 2 x HDMI® and 1 x VGA** for flexible connectivity.
- **Dual GbE Ethernet Ports**: Ensures fast and stable networking.
- **Versatile Expansion Options**: Supports 1 x full-size mSATA, 1 x half-size Mini PCIe, and 1 x SIM card holder.
- **Compact Fanless Design** and supports VESA and DIN rail mounting for space-saving installations.

Packing List

PART NUMBER	DESCRIPTION	QTY
HBJC420U691 Series	HBJC420U691 Series	1
L01AS050-F	Adapter 12V/40W	1
Change according to shipping area	Power Cord	1
HCS310MWM01B-1F	VESA Mount / Black Color	1
LCSC HBJC3XX-F	Screw Pack	1
HCS3XXDINRAILPS-F	Din Rail Clip	1

Specifications

SYSTEM	
MB FORM FACTOR	NUC
CPU	Onboard Intel® Celeron® Processor J3455 (Formerly Apollo Lake, TDP 10W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR3L 1866MT/s SDRAM SO-DIMM up to 8GB
BIOS	AMI Flash ROM
SECURITY	—
OS SUPPORT	Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	DC-in 12V 40W Adapter: AC90-240V, DC12V/3.3A
DISPLAY	
HDMI®	2 x HDMI® (Max Resolution: 3840 x 2160@30Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
MULTIPLE DISPLAY	Support 2 Displays
LAN	
ETHERNET	2 x RJ45 for Realtek® RTL8111H GbE
SYSTEM I/O	
REAR PANEL I/O	2 x USB 3.0 2 x HDMI® 2 x RJ45 1 x Audio (Line out, MIC) 2 x WIFI Antenna Holes 1 x DC-in
FRONT PANEL I/O	1 x Power Button + Power LED 1 x RS-232/422/485 2 x USB 3.0 1 x VGA
STORAGE	
MINI PCI-E	1 x Half Size Mini-PCIe
mSATA	1 x Full Size mSATA (shared with mPCIe)
EXPANSION	
SIM	1 x SIM Card Slot
OTHERS	
OTHER	—
MECHANICAL	
MOUNTING	VESA, DIN Rail Clip
DIMENSIONS (W x D x H)	129.0 (W) x 109.4 (D) x 34.0 (H) mm
GROSS WEIGHT	1.4 kg
NET WEIGHT	0.6 kg
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	0°C ~ 60°C (32°F ~ 140°F)
STORAGE TEMPERATURE	-20°C ~ 80°C (-4°F ~ 176°F)
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	EU RoHS China RoHS ErP

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Dimension Unit: mm

