

### Features

- Powered by Intel® Processor 5205U (Formerly Comet Lake-U, TDP 15W)
- Dual DDR4 SO-DIMM, up to 64GB for maximized multitasking capabilities
- Robust Networking: 1 GbE and 2.5GbE ports for high-speed connections
- Diverse Display Outputs: HDMI, DP, eDP/LVDS for versatile connectivity.
- Extensive I/O Options: 6 COM ports , 4 USB 3.1, 4 USB 2.0 (1 vertical connector).
- Wide-range DC-in: 9-24V for flexible power adaptability
- Optional TPM 2.0 Support: Enhanced security features available.

### Packing List

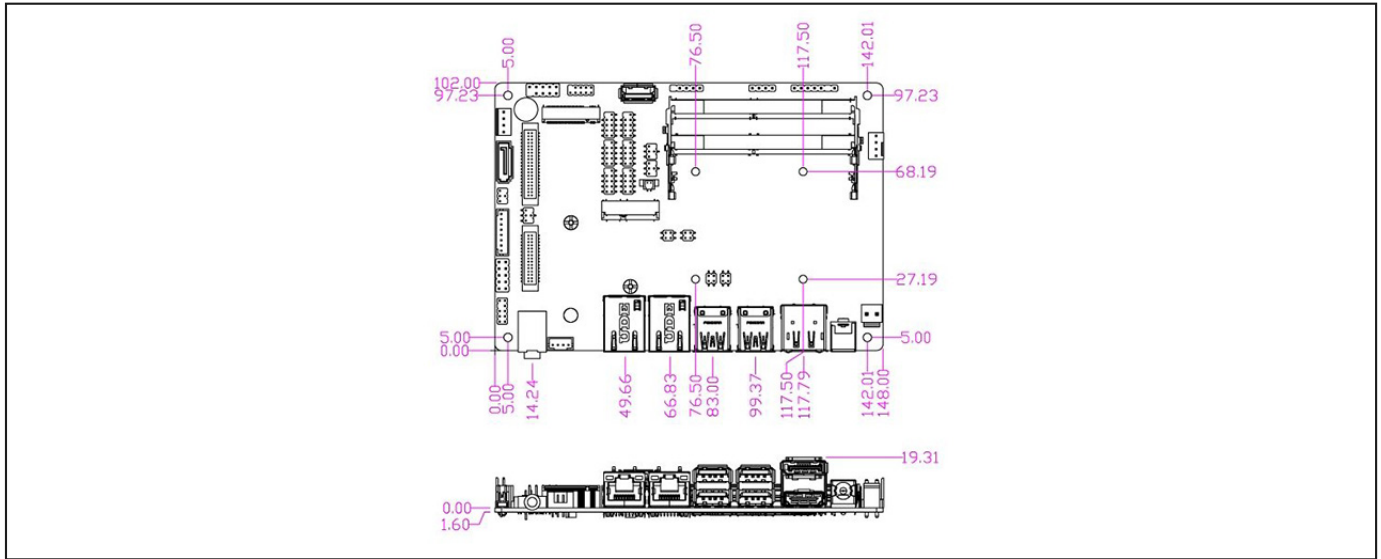
PART NUMBER	DESCRIPTION	QTY
JNF835V-5205U Series	JNF835V-5205U M/B	1

### Specifications

SYSTEM	
MB FORM FACTOR	3.5"
CPU	Onboard Intel® Celeron® Processor 5205U (Formerly Comet Lake-U, TDP 15W)
CHIPSET	Intel® SoC
MEMORY	2 x DDR4 2400MHz Dual Channel SDRAM non-ECC SO-DIMM up to 64GB
BIOS	AMI Flash ROM
WATCHDOG TIMER	255 Levels
SECURITY	TPM2.0
DIMENSION (W X D)	148.0 (W) x 102.0 (D) mm (5.8" x 4.0")
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	DC-in 9-24V
POWER ON MODE	AT / ATX
CONNECTOR	DC Jack
DISPLAY	
GPU	Intel® HD Graphics
LVDS	1 x LVDS (Max. Resolution: 1920 x 1200 @60Hz)
eDP	1 x eDP (Max Resolution: 4096 x 2304@60Hz)
DP	1 x DP (Max Resolution: 4096 x 2304@60Hz)
HDMI	1 x HDMI 1.4 (Max Resolution: 4096 x 2160@30Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
Line-out	1 x Audio Jack for Line-Out
AMPLIFIER	3W
LAN	
ETHERNET	1 x RJ45 for Intel® I219-LM GbE 1 x RJ45 for Intel® I226-V 2.5GbE
USB PORT	
USB	4 x USB 3.2 Gen 1x1 (5Gbps, Formerly USB 3.1 Gen 1) Internal USB Type A (Vertical) for 1 x USB 2.0 Internal Header for 3 x USB 2.0
SERIAL PORT	
COM	Internal Header for 1 x RS-232/422/485 Internal Header for 5 x RS-232
INTERNAL I/O	
GPIO	8-Bit
SMBUS	Yes
ADDITIONAL	1 x Chassis intrusion 1 x Audio Header 1 x PS/2 1 x LVDS / Inverter (selection w/eDP) 1 x eDP (selection w/LVDS) 1 x AT Mode Selection
STORAGE	
SATA	1 x SATA III
EXPANSION	
M.2	1 x M-Key 2242/2280 (SATA) 1 x E-Key 2230 Support PCIe/CNVi
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 - 85°C (-4°F - 185°F)
OPERATING HUMIDITY	10 - 90% relative humidity, non-condensing
CERTIFICATION	CE/FCC Class A LVD
ESG DECLARATION	EU RoHS China RoHS REACH

## Dimension

Unit: mm



## Ordering Information

PART NUMBER	JNF835V-5205U
CPU	Intel® Celeron® 5205U
POWER REQUIREMENT	DC-in 9V-24V
GPU	Intel® HD Graphics
LVDS	1 x LVDS
eDP	1 x eDP
DP	1 x DP
HDMI	1 x HDMI
MULTIPLE DISPLAY	Support 3 Displays
ETHERNET	1 x GbE
ETHERNET	1 x 2.5GbE
USB	4 x USB 3.2
USB	4 x USB 2.0
COM	1 x RS-232/422/485
COM	5 x RS-232
SATA	1 x SATA III
M.2	1 x M-Key 2242/2280
M.2	1 x E-key 2230
OPERATING TEMPERATURE	0°C - 60°C (32°F - 140°F)