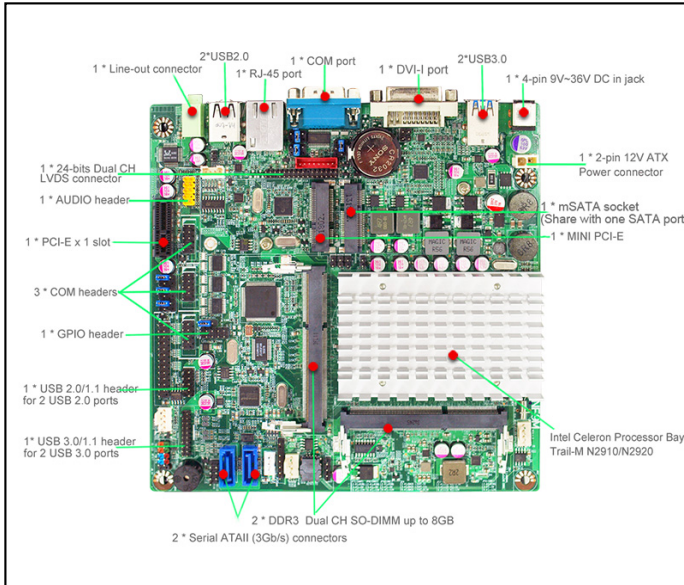


Slim Mini-ITX Board with Intel® Celeron Quad-Core N2930 SoC Processor, Wide 9–36V DC-in



Features

- Powered by Intel® Celeron Quad-Core N2930 SoC Processor
- Dual Display Support: LVDS & DVI-I for flexible display options
- Storage & Expansion: 2 x SATA II, 1 x mSATA, 1 x miniPCIe, 1 x PCIe x1 slot
- Comprehensive I/O: 3 x USB 3.0, 5 x USB 2.0, 4 x COM ports
- Robust Power Input: Wide voltage support, 9–36V DC-in

Packing List

PART NUMBER	DESCRIPTION	QTY
JNF9M-2930 Series	JNF9M-2930 M/B	1
G01-SATA-BK-B-2F	SATA Cable	2
G01-PW4PS-2S-323F	SATA Power Cable	1
F04-MB-025-F	I/O Shield	1
G01-COM9-30A-1F	COM Cable	3
G01-DVI-VGA-W-F	DVI to VGA Converter	1
F04-MB-024-F	I/O Shield	1

Specifications

SYSTEM	
MB FORM FACTOR	Mini-ITX
CPU	Onboard Intel® Celeron® Processor N2930 (Formerly Bay Trail, TDP 7.5W)
CHIPSET	Intel® SoC
MEMORY	2 x DDR3L 1333/1066MHz SDRAM Dual Channel SO-DIMM up to 8GB
BIOS	AMI 64Mb Flash ROM
WATCHDOG TIMER	255 Levels
DIMENSION (W X D)	170.0 (W) x 170.0 (D) mm (6.7" x 6.7")
OS SUPPORT	Windows® 10 (64bit) Windows® 10 (32bit) Windows® 8 / 8.1 (64bit) Windows® 8 / 8.1 (32bit) Windows® 7 (64bit) Windows® 7 (32bit) Linux
POWER	
POWER REQUIREMENT	DC-in 9-36V
DISPLAY	
GPU	Intel® HD Graphics
LVDS	1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1200 @60Hz)
MIPi-DSI	1 x DVI-I (Max. Resolution : 1920 x 1080@60Hz)
MULTIPLE DISPLAY	Support 2 Displays
AUDIO	
CODEC	Realtek Audio Codec
Line-out	1 x Audio Jack for Line-Out
LAN	
ETHERNET	1 x RJ45 for Realtek® RTL8111G GbE
USB PORT	
USB	1 x USB 3.0 3 x USB 2.0 Internal Header for 2 x USB 3.0 Internal Header for 2 x USB 2.0
SERIAL PORT	
COM	1 x DB-9 for RS-232/422/485 Internal Header for 3 x RS-232
INTERNAL I/O	
GPIO	8-Bit
ADDITIONAL	1 x PS/2 1 x LVDS w/ Inverter 1 x Chassis Intrusion 1 x Audio Header
STORAGE	
SATA	2 x SATA II
MINI PCI-E	1 x Full Size Mini-PCIe
mSATA	1 x Full Size mSATA (shared with SATA)
EXPANSION	
PCI-E	1 x PCI-E x1
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-20°C ~ 70°C (-4°F ~ 158°F)
STORAGE TEMPERATURE	-40°C ~ 70°C (-40°F ~ 158°F)
OPERATING HUMIDITY	10 ~ 90% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	EU RoHS China RoHS REACH

Ordering Information

PART NUMBER	JNF9M-2930
CPU	Intel® Celeron® N2930
POWER REQUIREMENT	DC-in 9-36V
GPU	Intel® HD Graphics
LVDS	1 x LVDS
MIPI-DSI	1 x DVI-I
MULTIPLE DISPLAY	Support 2 Displays
ETHERNET	1 x GbE
USB	3 x USB 3.0
USB	5 x USB 2.0
COM	3 x RS-232
COM	1 x RS-232/422/485
SATA	2 x SATA II
MINI PCI-E	1 x Full mini PCIe
mSATA	1 x mSATA
PCI-E	1 x PCIe x1
OPERATING TEMPERATURE	-20°C - 70°C (-4°F - 158°F)