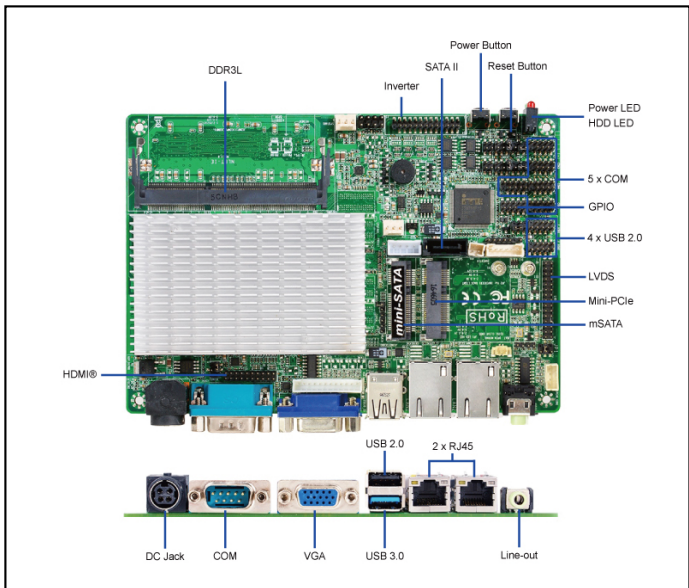


NLBT-IE1900



EPIC

EPIC Motherboard with Intel® Bay Trail J1900 Quad-Core Processor and Wide Voltage Support (9~24V)



Features

- Powered by Intel® Celeron® Processor J1900 (Formerly Bay Trail)
- Versatile Display Options: 1 x VGA, 1 x LVDS, 1 x HDMI®
- Multiple Storage Options: 1 x SATA II, 1 x Full-size mSATA
- Expansion Capability: 1 x Mini PCIe (Half-size)
- Comprehensive I/O: 1 x USB 3.0, 5 x USB 2.0, 6 x COM ports
- Wide Voltage Input: Supports 9~24V DC-in

Packing List

PART NUMBER	DESCRIPTION	QTY
JNLBT-IE1900	JNLBT-IE1900 M/B	1
G01-COM-H2M22-1F	COM Cable	2
G01-SATAL-RD30-F	SATA Cable	1

Specifications

SYSTEM	
MB FORM FACTOR	EPIC
CPU	Onboard Intel® Celeron® Processor J1900 (Formerly Bay Trail, TDP 10W)
CHIPSET	Intel® SoC
MEMORY	1 x DDR3L 1333MT/s SO-DIMM up to 8GB
BIOS	AMI 64Mb Flash ROM
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
DIMENSION (W X D)	165.0 (W) x 115.0 (D) mm (6.5" x 4.5")
OS SUPPORT	Windows® 10 (64bit) Windows® 10 (32bit) Windows® 7 (64bit) Windows® 7 (32bit) Linux
POWER	
POWER REQUIREMENT	DC-in 9~24V
CONNECTOR	DC Jack (co-layout 4-pin Power connector)
DISPLAY	
LVDS	1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1200 @60Hz)
HDMI®	1 x HDMI® (Max Resolution: 1920 x 1200@60Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
AUDIO	
CODEC	Realtek Audio Codec
Line-out	1 x Audio Jack for Line-Out
AMPLIFIER	3W
LAN	
ETHERNET	2 x RJ45 for Intel® I210-IT GbE
USB PORT	
USB	1 x USB 3.0 1 x USB 2.0 Internal Header for 4 x USB 2.0
SERIAL PORT	
COM	Internal Header for 2 x RS-232/422/485 Internal Header for 3 x RS-232 1 x DB-9 for RS-232
INTERNAL I/O	
GPIO	8-Bit
FAN	1 x CPU Smart Fan 1 x System Fan Header
FRONT PANEL	HDD Active LED Power LED Power On/Off Reset
ADDITIONAL	1 x Chassis Intrusion 1 x Parallel 1 x PS/2
STORAGE	
SATA	1 x SATA II 1 x SATA Power Connector
MINI PCI-E	1 x Half Size Mini-PCIe
mSATA	1 x Full Size mSATA
EXPANSION	
SIM	1 x SIM Card Slot
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)