

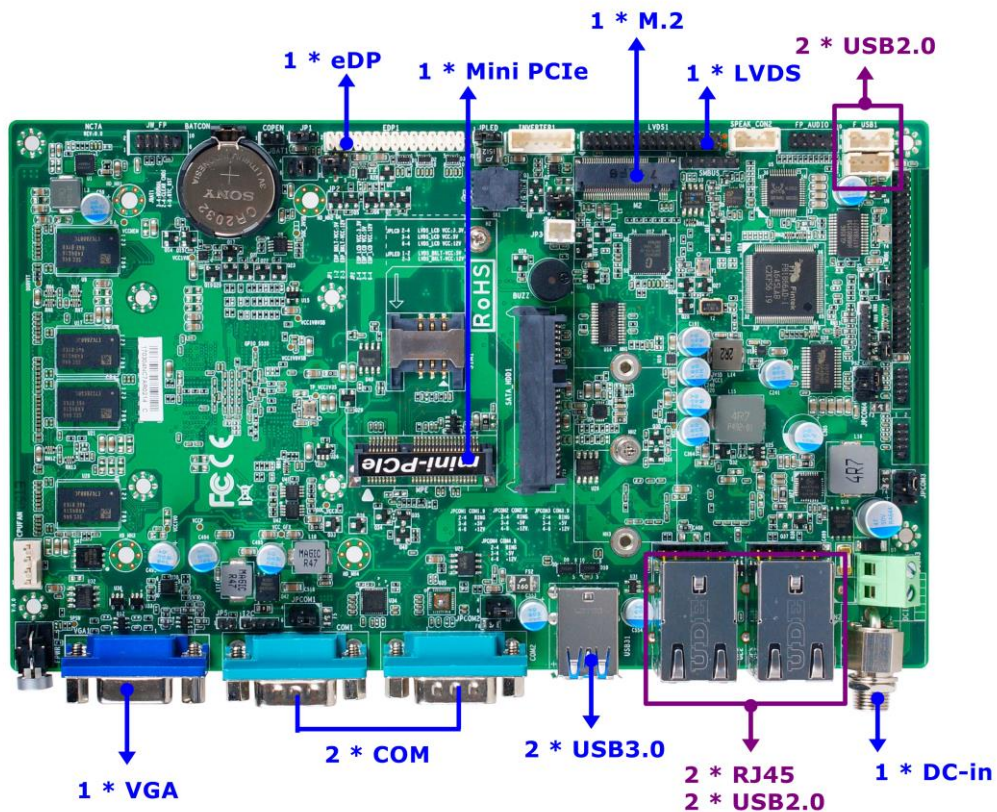
NC7A-E1900-4G



1. Intel® Celeron™ J1900 (2.0 GHz) quad-core processor
2. Support DirectX 11 3D Graphics Acceleration
3. Onboard SAMSUNG 4G/1333MHz DDR3L Memory (Max 8G)
4. Support VGA/LVDS/EDP Output
5. Support Dual Displays
6. 1 * SATA3 6Gb/s Port
7. 1 * MINI PCI-E Socket
8. 1 * M.2 Socket (2242/2260/2280)
9. Dual Intel® Gigabit LAN
10. 4 * Serial Ports (COM1/2 RS232/422/485), 8-bit GPIO
11. 2 * USB 3.0 Ports, 6 * USB 2.0 Ports
12. 9V ~ 28V DC-in or 4-pin Internal Power Connector
13. 5.25" Form Factor (120mm * 200mm)



Internal Diagram



Specifications

Form Factor	
Dimensions	- 5.25" (120 * 200mm)
Processor System	
CPU	- INTEL® Celeron™ J1900 (2.0 GHz) quad-core processor
Core Number	- 4
Max Speed	- 2.0GHz
L2 Cache	- 2MB
Chipset	- SOC
BIOS	- AMI 64Mb Flash ROM
Expansion Slot	
Mini PCI-e	- 1 (full size)
M.2	- 1(2242/2260/2280)
SIM Card Holder	- 1
Memory	
Technology	- Onboard SAMSUNG 4G/1333MHz DDR3L Memory
Max.	- 8GB
Graphics	
Controller	- (by CPU)
VRAM	- Shared Memory
VGA	- 1 (Max. Resolution: 1920x1080@60Hz)
LVDS	- 1 (Max. Resolution: 1920x1200@60Hz)
eDP	- 1 (Max. Resolution: 2560x1600@60Hz)
Multi Display	- Yes (Dual Displays)
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- 2 * Intel® i211AT Gigabit LAN
Connector	- 2 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662
Channel	- 2 Channel
SATA	
Max Data Transfer Rate	- 1 * SATAIII (6.0Gb/s)
Rear I/O	
VGA	- 1
Ethernet	- 2
USB	- 4 (2 * USB3.0 + 2*USB2.0)

Serial	- 2 (RS-232/422/485 with 5V/12V selectable header)
DC-input	- 1
Power Button	- 1
Internal Connector	
USB	- 2 (4 * USB 2.0)
PS/2	- 1
LVDS / inverter	- 1
eDP	- 1
Serial	- 2 (2 * RS-232 with 5V/12V selectable header)
SATA	- 1 * SATAIII (6.0Gb/s)
Mini PCI-e	- 1 (full size)
M.2	- 1 (2242/2260/2280)
GPIO	- 4 in / 4 out
Chassis intrusion	- 1
Audio Header	- 1
SMBUS/ I2C	- 1/1
AT mode	- 1
Others	- Support Expansion card (2*COM+2*USB2.0)
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments, 0,1,2...255sec/min
Power Requirements	
Input PWR	- +9~28V DC-in (2-pin PWR Con)
Power On	AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Certifications	
Certifications	- CE, FCC, RoHS, REACH
Environment	
Temperature	- Operating: 0°C ~ 60°C
	- Storage: -20°C ~ 85°C
Warranty	
Warranty	- 2 Years Limited Warranty
Packing	

*Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

Part Number	Description
	JNC7A-E1900-4G
G01-COM-H2M22-1F	2* COM Cable



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