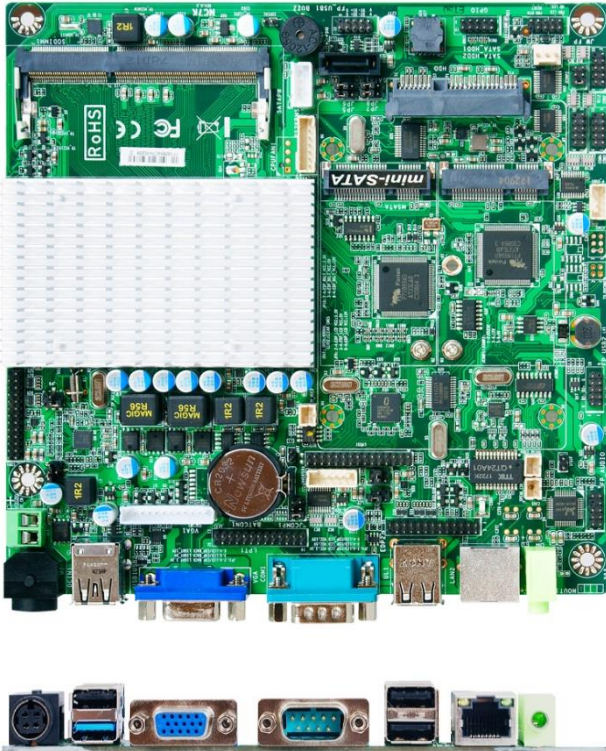




NC7K-I1900

Intel® Bay Trail-D J1900 SOC, DDR3L up to 8GB, support 12V DC input



1. INTEL® Bay Trail-D J1900 SOC (CO-LAY N2930)
2. Onboard INTEL® J1900 2.0GHz Quad Cores CPU
3. Support 1* DDR3/1333 SO-DIMM Max 8GB
4. Integrated HD Audio CODEC
5. Support 1* Gigabit LAN
6. Onboard 1 *MiniPCI-E
7. Onboard 1 *M-SATA
8. Support 1*USB3.0 and 8*USB2.0
9. Support 4*COM(COM1/2 Support 5V/12V)
10. Support Amplifier function(3W)
11. Support 1 * SIM Card(Optional)
12. Support CRT+ EDP+LVDS Display(Co-lay CRT +2*EDP)
13. Support Thunder Protection Function
14. Support Power Onboard(12V)
15. Thin Mini-ITX Form Factor(170 x170mm)



Specifications

Form Factor

Dimensions - Thin Mini-ITX (170 x 170mm)

Processor System

CPU - Intel® Bay Trail-D J1900

Core Number - 4

Max Speed - Turbo Boost 2.42GHz

L2 Cache - 2MB

Chipset - SOC

BIOS - AMI 64M Flash ROM

Expansion Slot

PCI - 0

Mini-PCI-e - 1 (full size)

m-SATA	- 1
PCI-e	- 0
M.2	- 0
CF Card Socket	- 0
SIM Card Holder	- 1
Memory	
Technology	- DDR3L 1333MHz DRAM
Max.	- 8GB
Socket	- 1 *SO-DIMM
Graphics	
Controller	- Intel® HD Graphics
VRAM	- Shared Memory
VGA	- 1(Max Resolution: 2560 x 1600@60Hz)
LVDS	- 1(CO-Lay eDP)
eDP 1.3	- 1 (Max Resolution: 2560x1600@60Hz)
HDMI 1.4	- 0
DVI-D	- 0
Display Port	- 0
Multi Display	- 2 Displays
Ethernet	
Ethernet	- 10/100/1000 Mbps
Controller	- RTL8111G Gigabit LAN
Connector	- 1 * RJ 45
Audio	
CODEC	- HD Audio : Realtek ALC662
Channel	- FP_AUDIO, 3W Amplifier Speaker out
SATA	
Max Data Transfer Rate	- 1 * SATAII (3.0Gb/s)
Rear I/O	
VGA	- 1
DVI-D	- 0
HDMI	- 0
Display Port	- 0
Ethernet	- 1
USB	- 1 *USB 3.0 +3*USB2.0
Audio	- 1(Line-out)
Serial / Parallel	- 1(RS232,Support 5/12V)

PS/2	- 0
DC-input	- 1
Internal Connector	
USB	- 5 * USB 2.0
PS/2	- 1
LVDS / inverter	- 1 (Co-lay EDP2)
eDP	- 2(EDP2 Co-lay LVDS)
VGA	- 1
Serial	- 3 (COM2 Support 5V/12V)
SATA	- 1 * SATAII (3.0Gb/s)(Co-lay 7+15pin SATA+SATA Power Connector)
mPCI-e	- 1 (full size)
Parallel	- 1
m-SATA	- 1
M.2	- 0
GPIO	- 8bit
Chassis intrusion	- 1
Audio Header	- 1
SMBUS/ I2C	- 0
AT mode	- 0
TPM Header	- 0
Others	- 0
Watchdog Timer	
Output	- From Super I/O to drag RESETCON#
Interval	- 256 segments (0 ~ 255sec)
Power Requirements	
Input PWR	- +12V DC-in (2-pin PWR Con)
Power On	AT/ATX Supported - AT : Directly PWR on as Power input ready(By BIOS) - 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	

Packing	- Net Weight:
	- Gross Weight:
	- Color Box dimension: 200*220*70mm

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

Optional Accessories

Parts Number	Description
-----	JNC7K-I1900
G03-NC7K-F	JNC7K-I1900 Manual
G02-DVD22-A13-WF	Mini-ITX INTEL Bay Trail DVD 20 A14
G01-SATAL-RD30-F	CABLE for SATA2 30cm Red w/LOCK