

英特尔赛扬J1800 J1900

N2940多功能一体超薄迷你ITX主板，带12伏直流电

产品名称	英特尔赛扬J1800 J1900 N2940多功能一体超薄迷你ITX主板，带12伏直流电
公司名称	北京天开创新技术有限公司
价格	1088.00/件
规格参数	
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产品详情

Intel Celeron J1800 J1900 N2940 All-in-one slim Mini-ITX Motherboard with 12VDC

Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz) Q4'13

Launch Date Q4'13

Processor Number J1900

of Cores 4

of Threads 4

Clock Speed 2 GHz

Burst Frequency 2.41 GHz

L2 Cache 2 MB

Instruction Set 64-bit

Embedded Options Available Yes

Lithography 22 nm

Max TDP 10 W

Intel Celeron Processor N2940 2M Cache, up to 2.25 GHz

Product Collection Intel Celeron Processor N Series

Code Name Products formerly Bay Trail

Vertical Segment Mobile

Processor Number N2940

CPU Specifications

of Cores 4

of Threads 4

Processor Base Frequency 1.83 GHz

Burst Frequency 2.25 GHz

Cache 2 MB L2 Cache

TDP 7.5 W

Scenario Design Power (SDP) 4.5 W

J1900BA VER:1.0

Integrated Intel Celeron J1900/2.0GHz quad-core processor

Based on Intel Bay trail SOC platform

1 x SODIMM memory slot with support for 1600/133MHz DDR3L/1.35V memory, up to 8GB

Integrated Intel HD Graphics Core Graphics

1 x VGA, 1 x HDI, 1 x LVDS interface (support s24BIT support)

2 x RTL811H Gigabit Card Chip, Support stoic/PXE function

6 x RS232 serial port, where COM2 supports RS485

7-USB2.0 interface, 1 x USB3.0 interface

Processor Integrated Intel Celeron J1900/2.00GHz quad-core processor, TDP 10W

Compatible with Intel Bay Trail - I/M/D full range of CPUs for flexible customer choice

Chipset Based on the Intel Bay trail SOC platform

Internal storage 1'SODDDR3L memory slot with single-channel 1600/1333MHz DDR3L/1.35V memory, up to 8GB

Display Integrated Intel HD Graphics Core Graphics

1 x VGA, 1 x HDI, 1 x LVDS

Support for VGA; HDI; LVDS Sync/Asynchronous Display

Network 2x Realtek RTL811H Gigabit Network Card, support stoic/PXE

Storage 1 x SATA 2.0 hard drive interface (where SATA2 with built-in 2.5 inch hard drive SATA5 optional one)

1 x SATA 2.5 inch notebook hard drive bit, can be installed directly

1 x MSATA slot supports SSD SSDs with transmission speeds of up to 3Gbps

Audio On-board ALC662 6-channel hi-fi audio controller with MIC/Line-out amplifier support

Amplifiers are recommended for the use of a 2-plus-5W horn

Extended slot 1x Mini-PCIE slot with WIFI, 4G modules

Backplane I/O Interface 1 x HDI display interface

1 x VGA display interface

1 x USB 2.0 interface

1 x USB3.0 interface

2x RJ-45 gigabit network interface, where LAN2 and USB1 are two-in-one

1x Line out interface (green), 1 x MIC interface (red)

1 x 12V DC power input

Built-in I/O interface

1 x 4pin ATX power interface (can be done 12V input and output power interface)

1 x USB2.0 interface 1 x 5pin

6 x USB 2.0 interface 2 x 5Pin, where USB 5 and USB1 are two options

1 x J_HDI interface 2 x 8Pin (HDI1 signal with back plate IO interface)

1 x JVGA interface 1 x 12Pin (with DB15 signal)

1 x LVDS interface 2 x 15pin, supports dual-channel 24bit,

1 x screen backlit power supply interface 1x6pin

1 x screen brightness adjustment interface 1 x 4pin

1 x PS/2 keyboard mouse interface (red) 1 x 6Pin

6x RS232 Serial Interface, COM1/COM2 supports 9pin live, COM2 supports RS485 mode

1 x LPT Parallel Interface 2x13Pin

1 x front audio interface 2x5pin

1 x front panel switch button and LED interface 2 x 5Pin

1 x hard drive power interface 1x4pin

1 x Amplifier Interface 1x4pin

1 x SIM seat

Fan interface Fanless cooling design, reserved 1 x 4pin CPU fan interface, 1 x 3pin system fan interface

GPIO Support for 4-way input and output GPIO

Bios 64Mb Flash ROM

Watchdog Support for hardware reset (256 levels, 0 to 255 seconds)

Operating system Windows 7/Windows 10/Linux

Power type Powered with DC 12V

Operating temperature -10C to 60C

Storage temperature -20C to 70C

Working humidity 5%-95% relative humidity, no condensation

Size 170mm x 170mm

Order Information

J1900BA-D12,J1900,2.0G,1*SODDDR3L,1*VGA,1*HDI,2ch24bitLVDS,1*LAN(RTL811H),8*USB,2*COM,12VDC

J1900BA-D16,J1900,2.0G,1*SODDDR3L,1*VGA,1*HDI,2ch24bitLVDS,1*LAN(RTL811H),8*USB,6*COM,12VDC

N2940BA-

D12,N2940,1.83/2.25G,1*SODDDR3L,1*VGA,1*HDI,2ch24bitLVDS,1*LAN(RTL811H),8*USB,2*COM,12VDC

N2940BA-

D16,N2940,1.83/2.25G,1*SODDR3L,1*VGA,1*HDI,2ch24bitLVDS,1*LAN(RTL811H),8*USB,6*COM,12VDC