



MX1900J

Intel® Atom™ Celeron® J1900 Processor Mini ITX Motherboard

- > Onboard Intel® Celeron® Processor J1900 (2M Cache, Up to 2.42 GHz)
- > 2 x 204-pin DDR3L 1333 MHz SO-DIMM supports up to 8 GB
- > VGA, DP, Dual-channel 18/24-bit LVDS
- > 2 x Intel® i211-AT PCI-e Gigabit Ethernet
- > Realtek ALC892 HD Audio Codec
- > Stereo Class-D 2W x 2 Audio Amplifier
- > 1 x Mini PCI-e Supported mSATA, 1 x Mini PCI-e
- > 2 x SATA II
- > 4 x USB 3.0, 4 x USB 2.0
- > 1 x RS-232, 1 x 8-bit GPIO
- > DC-in +12V

+ Spec

System	
Processor	Onboard Intel® Celeron® Processor J1900 (2M Cache, Up to 2.42 GHz)
System Memory	2 x 204-pin DDR3L 1333 MHz SO-DIMM supports up to 8 GB
I/O Chip	Nuvoton NTC6776F
BIOS	AMI 32Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
Expansion	1 x Mini PCI-e Supports mSATA (Switch Through Jumper) 1 x Mini PCI-e
I/O	
USB	4 x USB 2.0 4 x USB 3.0
SATA	2 x SATA II
Com Port	1 x RS-232
Other	1 x LPT
DIO	1 x 8-bit GPIO
MIO	1 x LPT
Display	
Chipset	Intel® Atom™/ Celeron® SoC integrated Graphics LVDS + VGA, VGA + DP, DP + LVDS
Resolution	VGA: 2048 x 1536 @ 60Hz LVDS: 1920 x 1200 @ 60Hz DP: 1920 x 1200 @ 60Hz
Audio	
Chipset	Realtek ALC892 supports 2-CH
Audio Interface	Mic-in and Line-out
Audio Amplifier	Stereo Class-D 2W x 2 Audio Amplifier
Ethernet	
Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
Lan Port	2 x RJ-45
Mechanical & Environmental	
Power Requirement	+12V
Power Type	ATX
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	6.69" x 6.69" (170mm x 170mm)
Weight	1.03lbs (0.47kg)

+ Ordering

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