

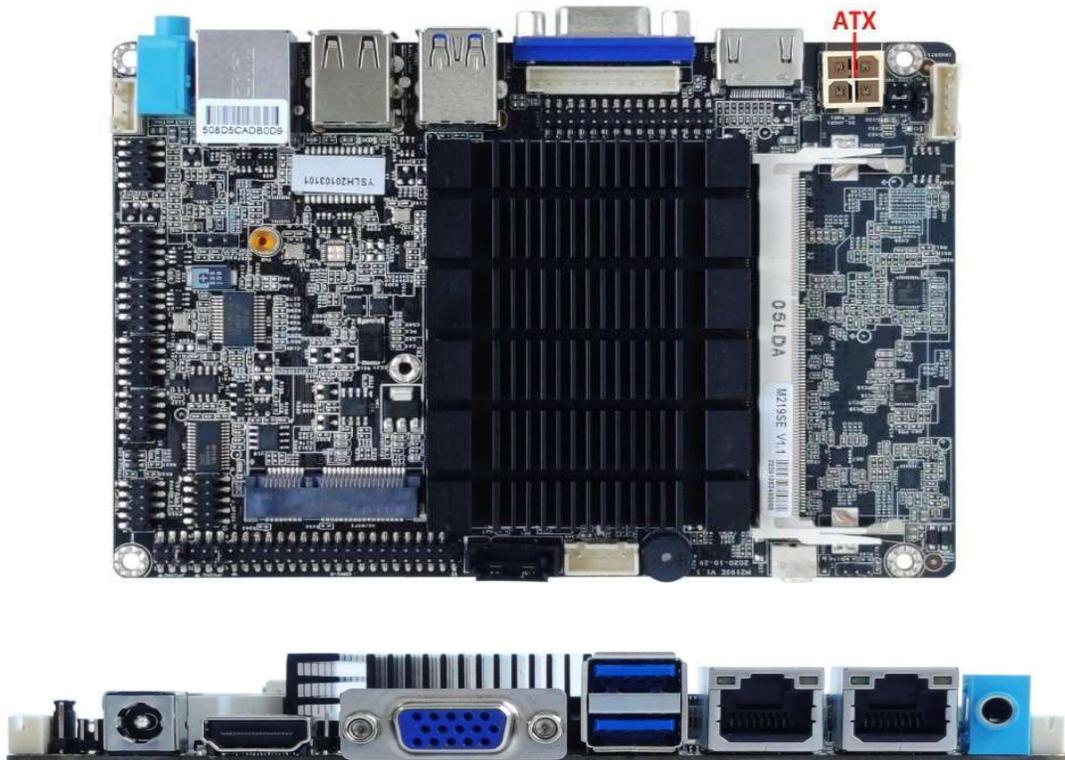
# Industrial Motherboard

M219SE-2L6C-B

## Introduction:

The Olmec **M219SE-2L6C-B** is an industrial grade powered by the Intel® processor, delivers a reliable, durable and versatile platform for Rugged & Industrial application environments. The PC is a compact yet has a powerful computing capability ideal for space-constrained environments. With its sleek design and high-resolution display, it offers seamless integration for various applications.

The M219SE-2L6C-B Series fanless motherboards are highly efficient heat dissipation systems designed for wide Temperature operations, -30 to 70°C. This makes the M219SE-2L6C-B Series one of the most reliable rugged platforms for harsh indoor & outdoor environments.



## Key Features:

- ❖ Onboard Intel® Core™ processor
- ❖ 1 x DDR4-2133 SO-DIMM, Max 32GB
- ❖ Supports DisplayPort, HDMI and 24-bit dual channel LVDS
- ❖ 2x Intel® PCI-E GbE LAN
- ❖ Watchdog timer, Digital I/O, mSATA, iSMART, TPM (2.0)
- ❖ 2x USB 3.0, 4x COM, 2x SATA III
- ❖ Low Power Consumption

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## Specifications:

Motherboard Dimension	145*100*18mm(L*W*H)	
Processor	Support Intel Celeron dual cores 2.41GHz J1800 CPU; Support Intel Celeron quad cores 2.0GHz J1900 CPU; Support Intel Pentium quad cores 2.41GHz J2900 CPU.	
Chipset	Intel Bay trail SOC Chipset	
Power Supply	1*DC_JACK	DC port size:5.5*2.5MM; Support DC 12V; The motherboard full load power consumption is about 25W; Recommend 12V 5A and above power adapter.
Memory	1*NB-DDR3L 1333/1600MHz 1.35V Memory slot up to 8GB RAM.	
Display Function	Integrated Intel HD Graphics in CPU; Support single display, dual display copy/expansion, single display under DOS.	
	1*VGA_OUT pin	Support resolution (12Pin,1*12Pin,2.0mm) 1920*1080@60Hz
	1*VGA DB15 interface	Support resolution 1920*1080@60Hz
	1*HDMI 1.4 interface	Support resolution 1920*1080@60Hz
	1*LVDS pin	Support resolution (30Pin,2*15Pin,2.0mm) 1920*1080@60Hz
	1*EDP pin	Support resolution (30Pin,2*15Pin,2.0mm) 1920*1080@60Hz
	The LVDS, EDP pins cannot exist at the same time. Support LVDS (Default); Option EDP.	
	1*INVERT1 pin	LVDS backlight switch control pin (6Pin,1*6Pin,2.0mm)
	1*LVDS-PWR pin	LVDS voltage control pin (6Pin,2*3Pin,2.0mm)
Ethernet	1*RJ45 LAN	RTL8111H 1000Mbps LAN chip; Support Wake on LAN, PXE function.
	1*Mini-PCIE interface	Support WIFI/3G/4G/Bluetooth/GPS, etc.
Hard Disk	1*SATA1 interface	Standard SATA2.0 hard disk interface.
	1*SATA-PWR pin	It is hard disk power supply pin and can take the 5V,12V electricity. (4Pin,1*4Pin,2.54mm)
	1*MSATA interface	Standard MSATA 2.0
Operating Environment	Operating temperature: -30°C ~ +70°C Working humidity: 5% ~ 95% Relative humidity, no condensation.	
BIOS	AMI BIOS; Support power on, timing switch, remote switch, intelligently identify devices.	
Operating System	Support Windows 10, Windows 8, Windows 7, Linux, etc.	