



## MS-9A59

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### Features

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### Features

- Intel® Celeron® Processor N3160, QC, 6W
- Ultra low power with fanless design
- Support Onboard 2GB DDR3L memory
- Support 2 or 3 independent displays with HDMI, VGA, and optional DVI-I/LVDS
- Support 16-bit GPIO (8\*GPI; 8\*GPO)
- Support 1 Intel® GbE LAN, 2 USB 3.0, 2 USB 2.0 and 2 COM ports
- Support Flexible DC-in 12V input
- Anti-Vibration & Shockproof Design
- Dimensions: 155mm x 105mm x 55mm

*ADEK computers are custom manufactured to meet your specific requirements. All images represent typical configurations. Please contact us with your requirements and we will respond with a quote within 24 hours.*

## Technical Specifications

CPU	Intel® Celeron® Processor N3160
Chipset	Integrated SoC
Memory	2GB Single-Channel DDR3L 1600MHz
Mini-PCIe	1 (half-size)
SATA 3.0	1
mSATA	1
Graphic Controller	Intel HD Graphics
DVI-I	1 (option)
LVDS	1 (option)
HDMI	1
DisplayPort	1
Display Mode	3x independent
Audio Controller	Realtek ALC887-VD2-CG HD Audio Codec
Ethernet Controller	1x Intel I211-AT GbE LAN
USB 3.0	2
USB 2.0	2
Serial	2x COM
Serial Types	COM1-2 (RS-232/422/485 0V/5V/12V)
Watchdog Timer	256-level
TPM	1x pin header
Power Supply	DC-in 12V Jack / Phoenix Pluggable with Latch (OCP&OVP Protection)
Operating Temperature	-10-45 C (HDD)
Operating Humidity	10-90% non-condensing
Storage Temperature	-20-80 C
Storage Humidity	10-90% non-condensing
Regulatory Compliance	FCC, CE, RCM, VCCI, BSMI