



# MS-98J0-SKU1

## FEATURE

## CONNECTIONS



## SPECIFICATION

<b>CPU</b>	Intel® Celeron® Processor J3455, QC, 10W
<b>Frequency</b>	J3455, 1.5 GHz, up to 2.3 GHz
<b>L2 Cache</b>	2MB
<b>CPU Type</b>	BGA
<b>Chipset</b>	Integrated in SoC
<b>BIOS</b>	AMI
<b>Technology</b>	Dual-channel DDR3L 1866 MHz
<b>Max. Capacity</b>	Up to 8GB
<b>Socket</b>	2 x 204-pin SO-DIMMs
<b>Controller</b>	Pin header (default) Infineon SLB9665TT 2.0 (by BOM option)
<b>Graphic Memory</b>	Depends on CPU
<b>LVDS</b>	1 x Dual channel 18/24-bit
<b>eDP</b>	N/A (by option)
<b>VGA</b>	1
<b>HDMI</b>	1
<b>DisplayPort</b>	N/A (by option)
<b>Multiple Display</b>	3 independent displays
<b>Display Interface</b>	1 x Dual channel 18/24-bit
<b>Watchdog Timer</b>	256-level Watchdog Timer
<b>Smart Fan</b>	Yes
<b>PS/2</b>	1 (pin header)
<b>PCIe x 1</b>	1
<b>M.2</b>	1 x M Key (SATA 3.0), 2242 1 x E Key (PCIe x1, USB2.0), 2230
<b>SATA</b>	1 x SATA 3.0
<b>USB</b>	3 x USB 2.0 (internal) 4 x USB 3.2 Gen 1 (rear)
<b>Serial</b>	6 x COM ports (Internal) COM1: RS-232/422/485, 0V/5V/12V COM2~6: RS-232, w/o Power
<b>GPIO</b>	8-bits (4 x GPI; 4 x GPO), 5V
<b>DC Input</b>	DC-in 12V
<b>Operating Temperature</b>	-10 ~ 60°C
<b>Operating Humidity</b>	10 ~ 90%, non-condensing
<b>Storage Temperature</b>	-20 ~ 80°C
<b>Storage Humidity</b>	10 ~ 90%, non-condensing
<b>Dimensions</b>	170 x 170mm (Mini-ITX)
<b>Weight</b>	0.37 kg
<b>EMC</b>	FCC, CE, RCM, VCCI, BSMI
<b>OS Support</b>	Windows 10 IoT Enterprise LTSC/SAC 1809 (64-bit, RS5)



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Linux Fedora 25 (by request)  
Linux Ubuntu 16.04 (by request)