MS-98J0-SKU1

FEATURE

CONNECTIONS

SPECIFICATION

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

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