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)

© 2018 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved. Intel, the Intel logo, Centrino, Centrino Inside, Intel Core and Core Inside are trademarks of Intel Corporation in the U.S. and other countries. For more information about the Intel processor feature rating, please refer to www.intel.com/go/rating.

Generated 2020-12-02, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

MS-98J0-SKU1

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

© 2018 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved. Intel, the Intel logo, Centrino, Centrino Inside, Intel Core and Core Inside are trademarks of Intel Corporation in the U.S. and other countries. For more information about the Intel processor feature rating, please refer to www.intel.com/go/rating.