

MS-C909

Compact-Size Box PC with Intel® Celeron® Elkhart Lake J6412 Processor for Ultra Low-Power Fanless Solution

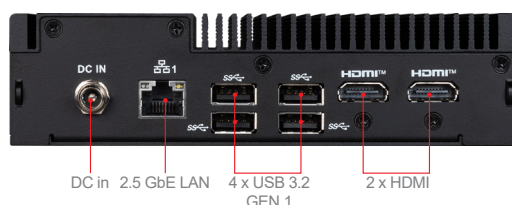
NEW



Front side I/O



Rear side I/O



Features

- Intel® Celeron® Elkhart Lake J6412 SoC
- DDR4 3200 MHz SODIMM Slot up to 16GB
- Dual independent displays: 2 HDMI
- 1 2.5 GbE LAN with RJ-45
- 1 M.2 B Key, 1 M.2 E Key Slot
- 4 USB 3.2 Gen 1, 1 COM, GPIO
- 1 Innodisk EZ2N-0XL1-W1 (Optional)
- 2 opening reserved for antennas
- Anti-Vibration & Shockproof Design to Compliance IEC 61373
- Wide Voltage DC-IN 12~24V
- Ultra-Compact with fanless design

Ordering Information

Part Number	Description
936-C909-003	MS-C909/706-C909-020/826-C909-007 11 STD, Intel Elkhart Lake J6412, 1*DDR4,2*HDMI,1*M.2 B key,1*M.2 E key, 1*2.5GbE LAN, 4*USB 3.2,2*COM,TPM 2.0,DC-in 12-24V, IN Door Adaptor
936-C909-004	MS-C909/706-C909-020/826-C909-008 11 STD, Intel Elkhart Lake J6412, 1*DDR4,2*HDMI,1*M.2 B key,1*M.2 E key, 1*2.5GbE LAN, 4*USB 3.2,2*COM,TPM 2.0,DC-in 12-24V, OUT Door Adaptor

Specifications

System Processor	CPU	Intel® Celeron® Processor J6412, QC, 10W
	Frequency	2.0 GHz, up to 2.6 GHz
	L2 Cache	1.5MB
	CPU Type	BGA
	Chipset	Integrated in SoC Process
	BIOS	AMI
Memory	Technology	Single-Channel DDR4 3200 MHz
	Max. Capacity	Up to 16 GB
	Socket	1 x 260-pin DDR4 SO-DIMM
Graphic	Controller	Intel® UHD Graphics
	Graphic Memory	Depends on CPU
	Multiple Display	2 Independent displays
Display Interface	Display Interface	HDMI up to 3840 x 2160 @30Hz
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Ethernet	Controller	1 x Intel® I226-V 2.5 GbE LAN
Audio	Controller	N/A
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	N/A
TPM	Controller	Infineon SLB9672V/U2.0
Expansion Slot	M.2	1 x M.2 B key (SATA/PCIe x1), 2242/3042/2280 1 x M.2 E key (PCIe x1, USB 2.0), 2230
Storage	SATA	1 x M.2 B key (SATA), 2242/3042/2280
I/O Interface	RJ-45	1 x 2.5GbE LAN 1 x Innodisk EZ2N-0XL1-W1 (Optional)
	Audio	N/A
	USB	4 x USB 3.2 Gen 1
	Serial	1 x COM port COM1: RS-232/422/485, 0V/5V/12V
	GPIO	8-bit (4 x GPI; 4 x GPO), 5V
	HDMI	2
	Antenna	2 openings reserved for antennas
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Power Supply	DC Input	DC-in 12~24V with Lockable DC Jack
	AC Input	N/A
Environment	Operating Temperature	-10~60°C (w/ WT devices) Note: Thermal w/ Airflow:0.7m/s
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
	Vibration	IEC61373 Category 1, Class B
Physical characteristics	Shock	IEC61373 Category 1, Class B
	Dimensions (WxDxH)	130 x 155 x 40 mm
	Weight	0.91 kg
Certification	Mounting	Wall mount (STD)
	EMC	CE, FCC, RCM, VCCI, BSMI, UKCA, IC
Software Platform	Safety	BSMI
	OS Support	Windows 10 IoT Enterprise LTSC (64-bit, 21H2) Linux (Support by request)

Packing List

Part Number	Description	Quantity
S93-0401780-S14	Adaptor (19V/65W) for in Door SKU	1
S93-0401B20-MD7	Adaptor (12V/80W) for out Door SKU	1
E22-9A59010-LA2	Wall Mounting Bracket	2
E49-1064008-P65	Screw for Wall Mounting	4
E25-9B01030-K23	Rubber for Wall Mounting	4
E26-C909020-Z36	Thermal pad for memory	1