

OMIC-OPS PC Pluggable Module

-Intel® Core™ QM57 OPS



Features

- Designed for compliance with OPS (Open Pluggable Specification) standard
- Embedded Intel® Core™ i5-520E / (fan-based)
- Supported Display Port, UART, and USB 2.0 via JAE 80-pin connector



Specifications

Model Name:OMIC-OPS

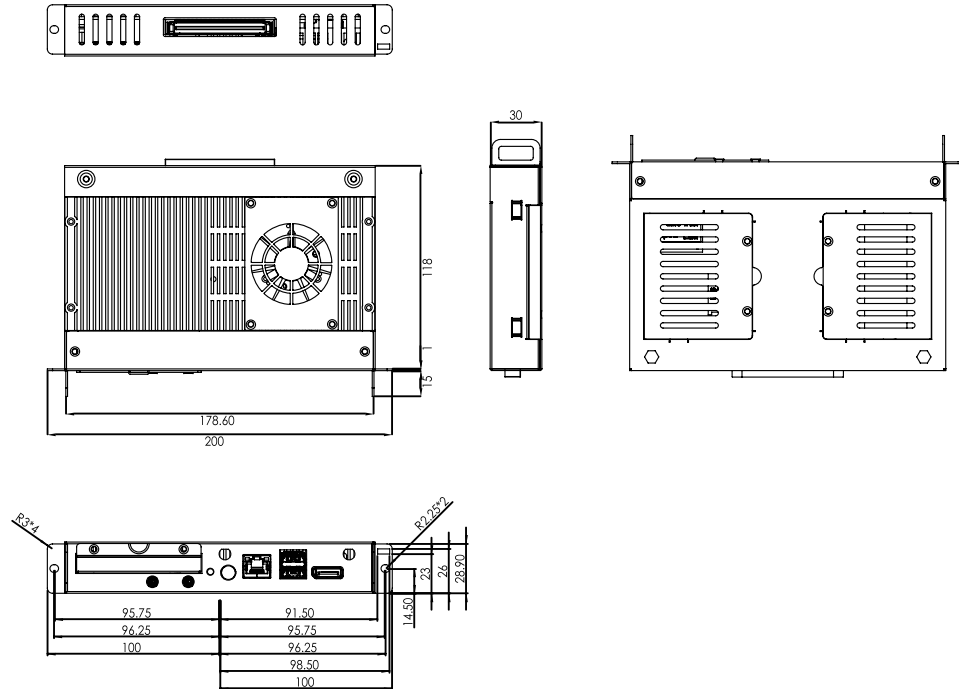
System Specification	CPU	Intel® Core™ i5-520E 2.4GHz Processor
	BIOS	AMI 8MB SPI BIOS
	System Chipset	Intel® QM57 Chipset
	System Memory	SO-DIMM DDR3-1066MT/s up to 4GB
	Operating System (Optional)	Windows XP Embedded / WES7
	Storage	2.5" SATA HDD 160GB
	Graphic Chipset	Integrated Graphics
	Ethernet	Intel® 82577LM Gigabit Ethernet
	Audio	Realtek ALC 886 codec
I/O Interface	Front I/O	1x Display Port
		1x RJ-45
		2x USB (USB 2.0 compliant)
	Rear I/O (OPS Interconnector)	2x Audio phone jack (Line-in/ Line-out)
		1x Power button
		1x JAE 80-Pin connector
Internal I/O	1x HDMI (via OPS interconnection)	
	1x Display Port (via OPS interconnection)	
	1x UART (via OPS interconnection)	
	1x Mini-PCle (for wireless module)	
Power Requirement	Power Consumption	25W (BurnIn Test)
	Input Voltage	12V~19V DC in (via OPS interconnection)
Watchdog Timer		Interrupt, system reset, setup by software
Physical Characteristics	Dimensions (Wx Hx D)	200 x 30 x 118 mm (OPS compliant)
	Weight	1.5kg (3.3lb)
Environment	Operating Temperature	0°C~50°C
	Operating Humidity	30%~ 90% (non-condensing, RH)
Certification	Electromagnetic	CE, FCC
Wireless Communication (Optional)	Wi-Fi	via mini PCIe

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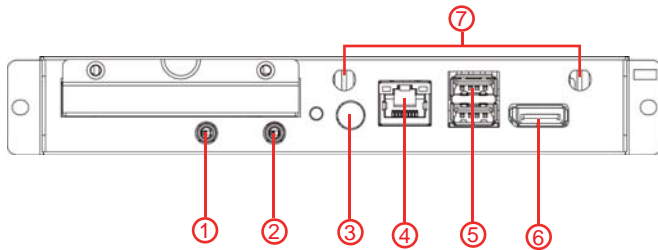


Dimension

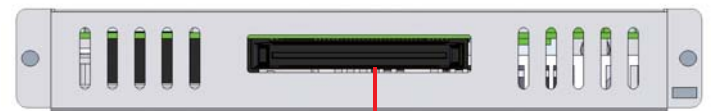


I/O Placement

Front



Rear



JAE 80-pin connector

- 1. Line Out
- 2. Line In
- 3. Power
- 4. RJ45
- 5. 2 x USB
- 6. Display Port
- 7. Antenna (Optional)

Order Information

OMIC-OPS

STANDARAD	CPU : Intel® Core™ i5-520E 2.4GHz (Cappela)
	RAM : 2GB
	Storage : HDD 160GB
Optional	WiFi : (802.11b/g/n)
	MSO-Pro (Digital Signage Software)
	OS : XPE : WES7

Rev.	Reasons	Revised Date
1.7	Spec change	Sep.16.11
1.8	Spec change	Sep.19.11
1.9	Spec change	Sep.22.11