

OMIC-OPS-1-5 Pluggable Module



TTUFF **BLADE** series

Intel® Core™ QM57 OPS



Features

- Fully compliant with OPS (Open Pluggable Standard) Currently NEC and Philips.
- Incorporates an Intel Core i5-520M/ fan based CPU – For use in demanding DS applications.
- Available with optional Wi-Fi and 3G connectivity.
- Slot-in integration, easy maintenance
- Intel Active Management Technology (Intel AMT) enabled.

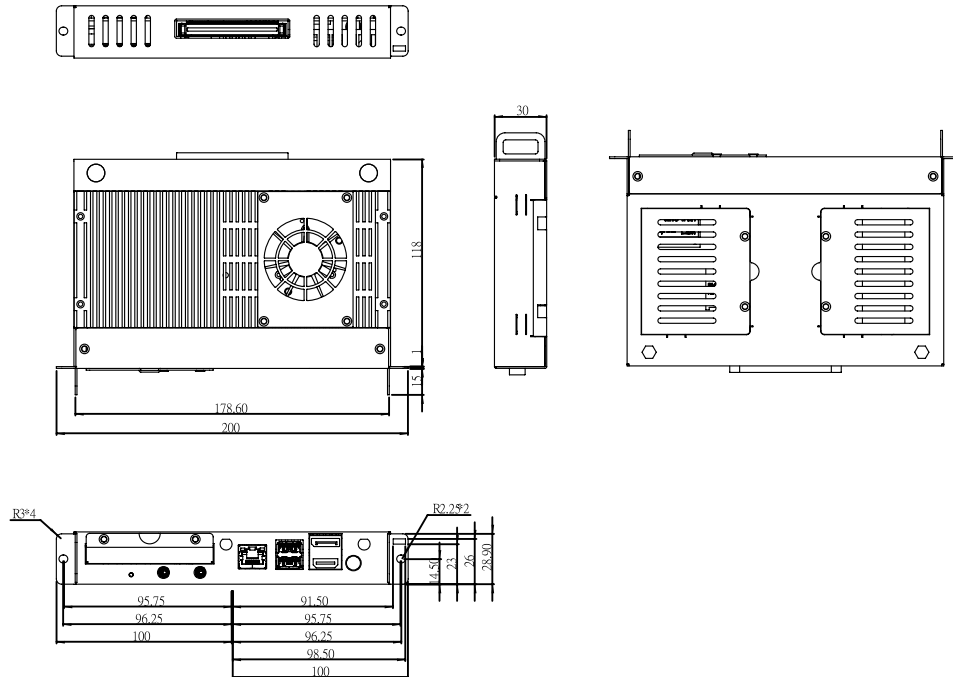
Specifications

Model Name: OMIC-OPS-1-5

Processor System	CPU	Intel® Core™ i5-520M 2.4GHz
	System Chipset	Intel® QM57
	L2 Cache	3 MB
	BIOS	AMI 8 MB SPI BIOS
Memory	Technology	DDR3 SO-DIMM 204-pin
	Max. Capacity	1 x 2GB (Max Up To 4GB Max)
Display	Chipset	Intel® 3400 Series Chipset
	Resolution (Chipset support)	D.P: up to 1920 x 1080 (via OPS interconnection)
	Output	1 x Display Port
Storage	SATA	2.5" SATA HDD of SSD (Default 160GB HDD)
Ethernet	Interface	Gigabit LAN Controller
	Controller	Intel 82577LV for LAN
	Connector	1 x RJ-45
I/O Interface	HDMI	1 (via OPS interconnection)
	Display Port	1 (via OPS interconnection)
	UART	1 (via OPS interconnection)
	Display Port	1
	LAN	1 (RJ-45)
	USB	2 (USB 2.0 compliant)
	Audio	2 audio phone jacks for Mic-in, Line-out
	OPS Interconnector	1 JAE 80 - Pin connector
	Minni - PCIe (Internal)	1 (for wireless module)
Power Requirement	Power Consumption	Maximum 38W
	Input Voltage	12V~19V DC in (via OPS interconnection)
Watchdog Timer	Output	Interrupt, system reset
	Interval	255-level timer interval, setup by software
Physical Characteristics	Dimensions (Wx Hx D)	200 x 118 x 30 mm (OPS compliant)
	Weight	1.5 kg (3.3lb)
Environment	Temperature	0°C~50°C (operating) Extended temp support available via SSD
	Relative Humidity	95% @ 40°C (non-condensing), operating
Software Development Kit	Operating System	Supports Microsoft Windows 7, XP with SP3, XP Embedded
Certification	Electromagnetic	CE, FCC

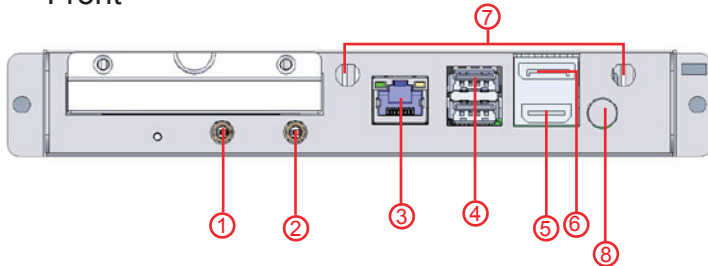
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Dimensions

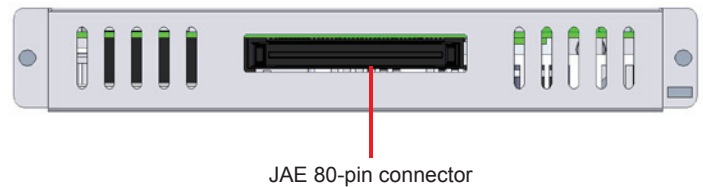


I/O Placement

Front



Rear



- | | |
|------------|---------------------------------|
| 1.Line Out | 5.HDMI |
| 2.Line In | 6.2 x RS-232 (Via DP Connector) |
| 3.RJ45 | 7.Antenna(Optional) |
| 4.2 x USB | 8.Power Switch |

OMIS-OPS

Part Number	Description
OMAO-OPS	CPU : Intel® Core™ i5-520M 2.4GHz
STANDARD	RAM : 2GB
	Storage : HDD 160GB
Optional	WiFi: (802.11b/g)
	MSO-Pro (Digital Signage Software)
	OS : XPE
	: WES7