

# OMID-OPS-AT Pluggable Module



**TTUFF BLADE series**

Intel® Cedar Trail NM10 OPS



## Features

- Fully compliant with OPS (Open Pluggable Standard) Currently NEC and Philips.
- Incorporates an Intel Atom D2700 CPU. - Ideal for Menu board and FIDS applications.
- Embedded Intel Cedar Trail Platform.
- Available with optional Wi-Fi and 3G connectivity.
- Slot-in integration, easy maintenance.
- Intel Active Management Technology (Intel AMT) enabled.

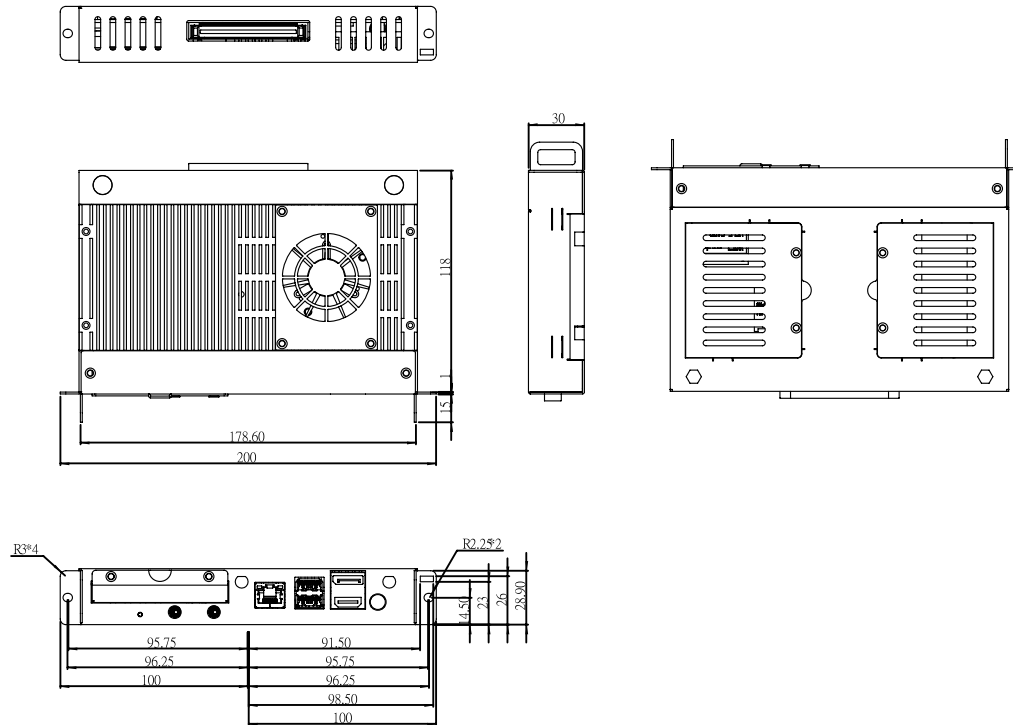
## Specifications

Model Name: OMID-OPS-AT

System Specification	CPU	Intel® Atom™ D2700 Processor
	BIOS	AMI UEFI BIOS
	System Chipset	Mobile Intel® NM10 Chipset
	System Memory	SO-DIMM DDR3-1066MT/s , up to 4GB
	Operating System	Win 7 Ultimate Embedded/ Win 7 Professional Embedded/ WS7E
	Storage	2.5" SATA HDD 160GB
	Graphic Chipset	Integrated Graphics
	Ethernet	Broadcom BCM 57780 Gigabit Ethernet
	Audio	Realtek ALC 886 codec
I/O Interface	Front I/O	1x HDMI
		1x RJ-45
		2x USB (USB 2.0 compliant)
		2x RS232 (using Display Port Connector)
Rear I/O (OPS Interconnector)	2x Audio phone jack (Line-in/ Line-out)	
	1x Power button	
Internal I/O	1x JAE 80-Pin connector (follow OPS Standard)	
Power Requirement	Internal I/O	1x Mini-PCIe (for wireless module)
	Power Consumption	16W (BurnIn Test)
Watchdog Timer	Input Voltage	12V~19V DC in (via OPS interconnection)
		Interrupt, system reset, setup by software
Physical Characteristics	Dimensions (Wx Hx D)	200 x 30 x 118mm (OPS compliant)
	Weight	1.5kg (3.3lb)
Environment	Operating Temperature	0°C~55°C
	Operating Humidity	30%~ 90% (non-condensing, RH)
Certification	Electromagnetic	CE, FCC
	Wireless Communication (Optional, Either one)	
	Wi-Fi	via half mini PCIe card
	3G	On board sim slot

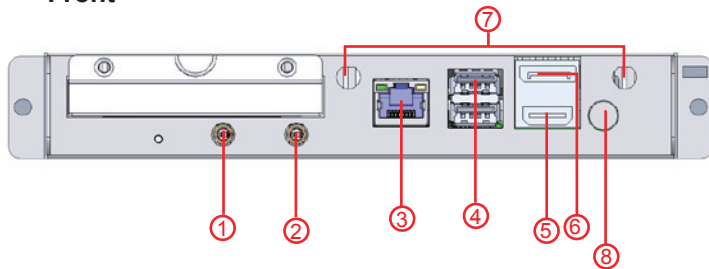
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## Dimension

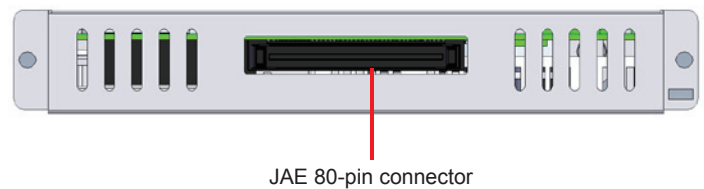


## I/O Placement

### Front



### Rear



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

## Order Information

### OMID-OPS-AT

STANDARD	CPU : Intel® Atom™ CedarView D2700
	RAM : 2GB
	Storage : HDD 160GB
Optional	WiFi : (802.11b/g/n) or 3G
	MSO-Pro (Digital Signage Software)
	OS : XPE
	DP to RS232 Cable