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Industrial Micro Computers



## IMM-A21xxS

### Fanless Mobile / Box PCs

- ✓ Very compact, rugged Mobile / Box PCs
- ✓ Intel® Atom N270 1.6GHz processor
- ✓ Completely fanless
- ✓ Up to 2 expansion slots
- ✓ 160 GB Industrial Hard Disk, CompactFlash slot



### DESCRIPTION

IMM-A21xxS is a series of compact "rugged" mobile / box PCs which offer plenty of processing power through their Intel® Atom 1.6GHz processor. The systems are completely fanless.

Because of their 12/24 VDC power input these systems are ideally suited for mobile and/or maritime applications, especially when they are equipped with a Solid State Disk or with the special "Automotive" hard disk.

### FEATURES

- ✓ Heavy duty metal chassis
- ✓ Very compact
- ✓ Completely fanless
- ✓ Intel® Atom 1.6GHz processor, 1GB RAM
- ✓ LAN, USB, Serial, Audio, DVI, VGA
- ✓ 160 GB Industrial Hard Disk (optional Solid State Disk)
- ✓ Slot for CompactFlash card
- ✓ 11 ~ 32 VDC power input

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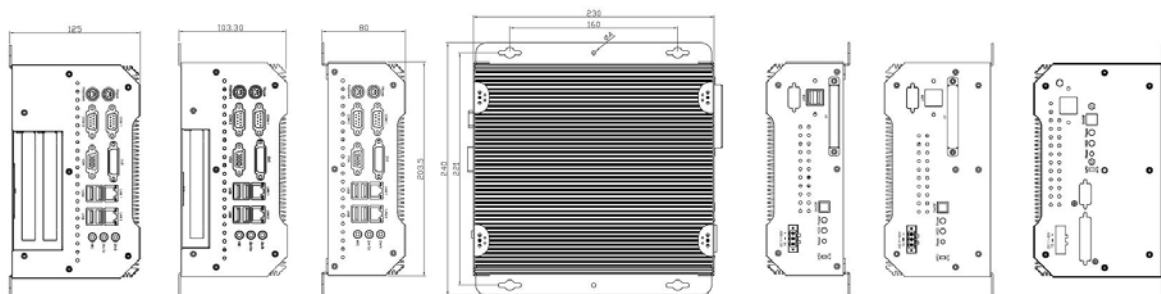
## System Specifications

Model:	IMM-A21S	IMM-A21PS	IMM-A21P2S
CPU Type/Speed:	Intel® Atom N270 processor, 1.6 GHz		
Chipset:	Intel® 945GSE+ICH7M		
Memory:	1 x 200-PIN DDRII 400/533 SO-DIMM, 1 GB (max. 2GB)		
BIOS:	Phoenix-Award PnP BIOS		
Hard Drive Interface:	SATA		
Hard Drive:	126 GB rugged hard disk		
Solid State Drive:	Slot for CompactFlash card		
Serial Ports:	2 x RS232		
USB Ports:	6 x USB 2.0 (4 x on the I/O side, 2 x on the front side)		
LAN Port:	2 x Gigabit LAN		
PS/2 Ports:	2 x (keyboard and mouse)		
Audio Port:	Mic, Line-in, Line-out		
Display Interface:	VGA / DVI		
VGA Controller:	Built-in Intel® 945GSE		
Expansion Slots:	None	1 x PCI	2 x PCI
Power Input:	11-32VDC / 60W		

## Mechanical Specifications

Construction:	Heavy duty metal chassis		
Color:	Black/Blue		
Operating Temperature:	0-50°C		
Storage Temperature:	-20°C-60°C		
Vibration:	5 - 17Hz, 0.1" double amplitude displacement; 17 - 640Hz, 1.5G acceleration peak to peak		
Shock:	10G acceleration peak to peak (11ms)		
EMC:	FCC/CE Class A certified		
Dimensions (W/D/H):	203.5 x 230 x 80mm	203.5 x 230 x 103.3mm	203.5 x 230 x 125mm

## Dimensions



## Upgrades/Accessories

**IMU-IDExxG** Upgrade to xxGB Solid State Disk  
**IMU-AMEM4** Upgrade 1GB to 2GB RAM

**IMA-PS1260** 110/220VAC Power Supply

**Disclaimer:** Published configurations and performance specifications are subject to change without prior notice. While due caution has been exercised in the production of this document, possible errors and omissions are unintentional.