

# ITA-2230S

## Intel® Core™ i7 Fanless 2U Rackmount System with 2 ITAM Module

Preliminary



### Features

- Built-in Intel® Core™ i7-3555LE, 2.5 GHz CPU
- Onboard 4GB DDR3 Memory
- PCI & PCIe x 4 Standard interface
- 2U Fanless Rackmount System
- Support RAID 0/1
- 1 DVI-I & 1 DVI-D Display output
- Support 2 ITAM Module for I/O Expansion
- Support Easy-Swap Power Module

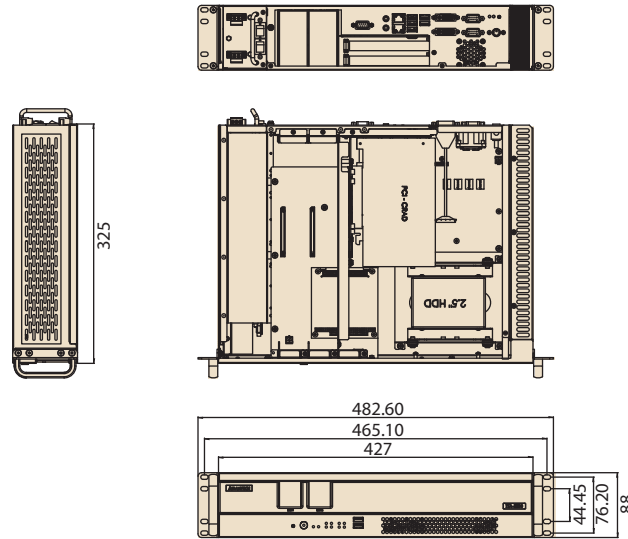


### System Specifications

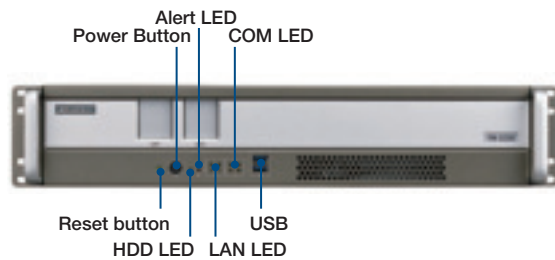
Processor System	CPU	Intel® Core™ i7-3555LE(25W)		
	Max Speed	2.5 GHz		
	L2 Cache	6 MB		
	Chipset	Intel® QM77		
Memory	BIOS	AMI SPI 16 Mb		
	Technology	DDR3 1600		
Graphics	Max. Capacity	Onboard 4 GB		
	Chipset	Intel® HD4000		
	VRAM	Shared system memory up to 512 MB SDRAM		
Ethernet	Dual display	1 x DVI-I, 1 x DVI-D		
	Interface	10/100/1000 Mbps		
	Controller	2 x Intel® I210IT		
Storage	Connector	2 x RJ-45		
	SSD	1 x Full size mSATA		
I/O Interface	HDD	1 x 3.5" or 2 x 2.5" HDD bay, RAID 0/1		
	DVI	1 x DVI-I, 1 x DVI-D		
	LAN	2		
	USB	4 x USB 3.0, 3 x USB 2.0		
	Serial	2 x DB9 (RS-232/422/485)		
	Digital I/O	1 x 8-ch TTL GPIO		
	PS/2	1		
	Audio	1 x Speaker-out with 2 x4W Amp, 1 x Mic-in		
Expansion Slots	ITAM Slot	2		
	PCI	1 x PCI slot, 32bit		
	PCIe	1 x PCIe x 4 slot		
	PC104+	1		
	Mini PCIe	1		
Power module		Single Power Module	Dual Power Module	
	Input Range	AC 100 ~ 240V or DC 110V	Dual AC 100 ~ 240V or DC 110V	
	Connector	1 x 3pin 5.08mm Terminal Block	2 x 3pin 5.08mm Terminal Block	
	Wattage (60° C)	110 W	110W (Load Balance)	
Watchdog Timer	Output	System Reset		
	Interval	Programmable 1~255 sec/min		
Environment		Operating (With SSD)	Operating (With HDD)	Non-Operating
	Temperature	-25 ~ 60° C	0 ~ 40° C	-40 ~ 85° C
Physical Characteristics	Dimensions (W x H x D)	427 x 88 x 325 mm		
	EMC	CE/FCC Class A		
Certification	Safety	UL,CB,CCC		
	Compliance	EN 50121-4,Level 4 EMS		

## Dimensions

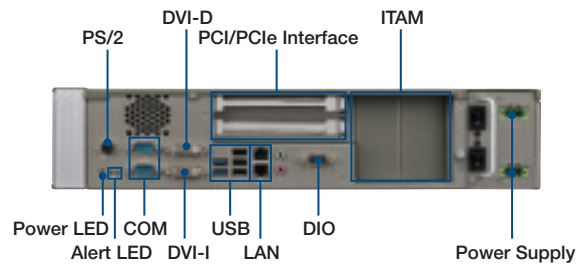
Unit: mm



## Front View



## Rear View



## Packing List

Part No.	Description	Quantity
200K223S00	Startup manual	1
206K223000	Driver CD	1
1700008941	SATA cable*7P	2
1700017929	SATA power cable*4P	1
1700022322-01	SATA power cable*5P	1
1990001365	HDD rubber	4
1960018229N100	2.5" HDD bracket	2
1656303100	Terminal block*3P	2
1960018229N100	2U Rack mount ear	2
1960021557S000	Handle bracket	2

## Ordering Information

Part No.	Description
ITA-2230S-00A1E	Intel Core i7, 4G on board DDR, PCI/PCIe, Single AC/DC power input, 2U Rackmount
ITA-2230S-10A1E	Intel Core i7, 4G on board DDR, PCI/PCIe, Dual AC/DC power input, 2U Rackmount

## Optional Accessories

Part No.	Description
ITAM-SR01-10A1E	8-port RS-232/422/485 ITAM Module
ITAM-SR01-00A1E	8-port RS-232/422/485 ITAM Module with 2.5KV isolation
ITAM-NC01-C0A1E	8-port GbE ITAM Module with RJ45 connector
ITAM-NC02-C0A1E	4-port GbE ITAM Module with RJ45 connector
ITAM-NC02-F0A1E	4-port GbE ITAM Module with SFP connector
ITAM-NC03-10A1E	4-port ITAM Module with 2 RJ45 & 2 CAN connector
1700023045-01	A Cable POWER 3P(F)/1*3P-5.08 10cm for ITA-2210

## ITAM I/O Module & Power Module

Through ITAM I/O module to get LAN & Serial's amount expansion, it's for customer optional requirement. Pic shows in below:

