

ITA-2210

Intel® Atom™ D525 2U Fanless Rackmount System with 3 ITAM Module



Features

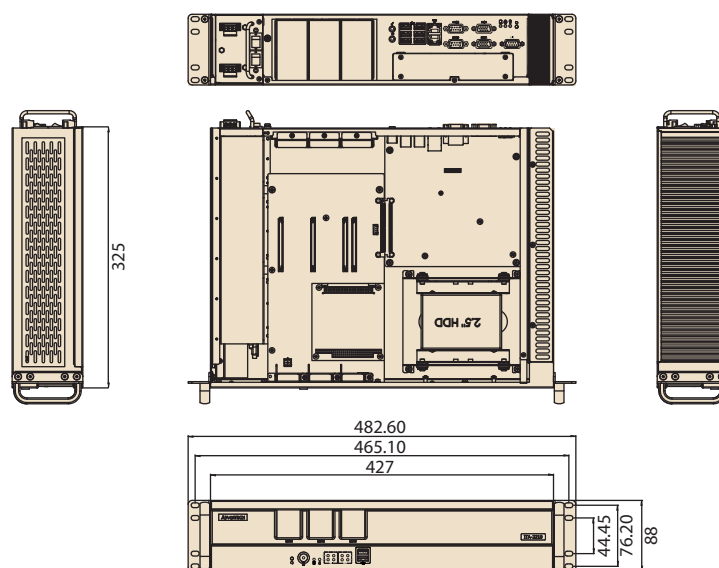
- Built-in Intel® Atom™ D525, 1.8 GHz CPU
- Onboard 2GB DDR3 Memory
- 2U Fanless Rackmount System
- Support 3 ITAM Module for I/O Expansion
- Support Easy-Swap Power Module
- 8 USB 2.0
- Dual VGA Display
- Compliance with railway applications (EN50121-4)

System Specifications

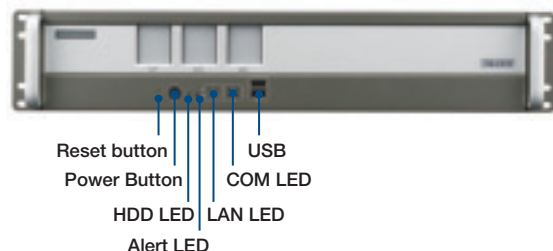
Processor System	CPU	Intel® Atom™ D525 Processor		
	Max Speed	1.8 GHz		
	L2 Cache	1 MB		
	Chipset	Intel® ICH8-M		
	BIOS	AMI® SPI 16 Mb		
Memory	Technology	Single Channel DDR3 800		
	Max. Capacity	Onboard 2 GB		
Graphics	Chipset	Embedded Gen3.5+ GFX Core, Frequency 400 MHz		
	VRAM	Shared System Memory up to 256 MB SDRAM		
	Dual Display	2 x VGA		
		Single Channel Max: 2048 x 1536 @ 60Hz Dual Channel Max: 1366 x 768 @ 60Hz		
Ethernet	Interface	10/100/1000 Mbps		
	Controller	2 x Intel® 82583V		
	Connector	2 x RJ-45		
Storage	SSD	1 x Compact Flash		
	HDD	1 x 3.5" or 2 x 2.5" HDD bay		
I/O Interface	VGA	2		
	LAN	2		
	USB	8 x USB 2.0		
	Serial	2 x DB9 (RS-232/422/485)		
	Digital I/O	1 x 8-ch TTL GPIO		
	Audio	1 x Speaker-out with 2 x4W Amp, 1 x Mic-in		
Expansion Slots	ITAM Slot	3		
	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)	483 x 88 x 325 mm		
Certification	EMC	CE/FCC Class A		
	Safety	UL,CB,CCC		
	Compliance	EN 50121-4,Level 4 EMS		

Dimensions

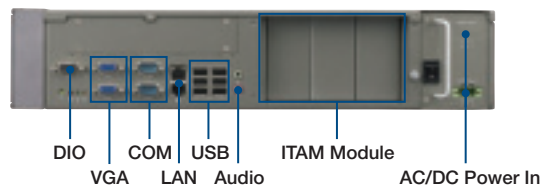
Unit: mm



Front View



Rear View



Packing List

Part No.	Description	Quantity
200K221000	Startup manual	1
206K221000	Driver CD	1
1700020513-01	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
1960000406T004	2U rackmount ear	2
1960021557S000	Handle bracket	2

Ordering Information

Part No.	Description
ITA-2210-00AE	Intel Atom D525, 2G on board memory, Single AC/DC power input, 2U Rackmount
ITA-2210-10AE	Intel Atom D525, 2G on board memory, 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
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:

