

ITA-2230

Intel® Core™ i7 Fanless, 2U Rackmount System with 3 ITAM Modules



Features

- Intel® Core™ i7-3555LE processor, 2.5 GHz
- 4 GB of onboard DDR3 memory
- Fanless, 2U rackmount system
- Supports 3 x ITAM modules for I/O expansion
- Supports easy swap power modules
- 4 x USB 3.0 and 4 x USB 2.0
- 1 x HDMI and 1 x VGA display output
- Compliant with EN50121-4 standards for railway applications



System Specifications

Processor System	CPU	Intel® Core™ i7-3555LE (25W) processor		
	Max. Speed	2.5 GHz		
	L2 Cache	6 MB		
	Chipset	Intel® HM76		
Memory	BIOS	AMI® SPI 64 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 VGA, 1 x HDMI, and 1 x eDP (optional)		
	Interface	10/100/1000 Mbps		
	Controller	Dual channel maximum: 1920 x 1080 @ 60 Hz		
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		
	VGA	1		
	HDMI	1		
	LAN	2		
	USB	4 x USB 3.0, 4 x USB 2.0		
	Serial	2 x DB9 (RS-232/422/485)		
	Digital I/O	1 x 8-channel TTL GPIO		
	Audio	1 x Speaker out with 2 x 4W amplifiers, 1 x mic in		
Expansion Slots	ITAM	3		
	PC104+	1		
	Mini PCIe	1		
Power Module	Input Range	Single Power Module	Dual Power Module	
	Connector	100 ~ 240 V AC or 110 V DC	Dual 100 ~ 240 V AC or 110 V DC	
	Wattage (60 °C)	1 x 3-pin terminal block (5.08 mm)	2 x 3-pin terminal block (5.08 mm)	
		110 W	110 W (load balance)	
Watchdog Timer	Output	System Reset		
	Interval	Programmable 1 ~ 255 sec/min		
Environment	Temperature	Operating (with SSD)	Operating (with HDD)	Non-Operating
		-25 ~ 60 °C	0 ~ 40 °C	-40 ~ 85 °C
Physical Characteristics	Dimensions (W x H x D)	483 x 88 x 325 mm		
	EMC	CE/FCC Class A		
Certification	Safety	UL, CB, CCC		
	Compliance	EN 50121-4, Level-4 EMS		

