

ITA-5730

Intel® 3rd Generation Core™ i Processor Fanless System EN 50155 Certified Product for Railway Applications

NEW



Features

- Supports Intel® 3rd Generation processor with HM76
- Fanless computer for railway vehicle applications, fully compliant with EN 50155
- Satisfy temp. standard: EN 50155 TX (-40 ~ 70° C) and IEC 61373 body mount class B
- Compliant with EN 50121-3-2 EMC test standard
- Ruggedized connectors (M12) used for communication and power ports
- Optional PCI/miniPCIe slots for expansion
- Support Easy-swap HDD/SSD/CF module

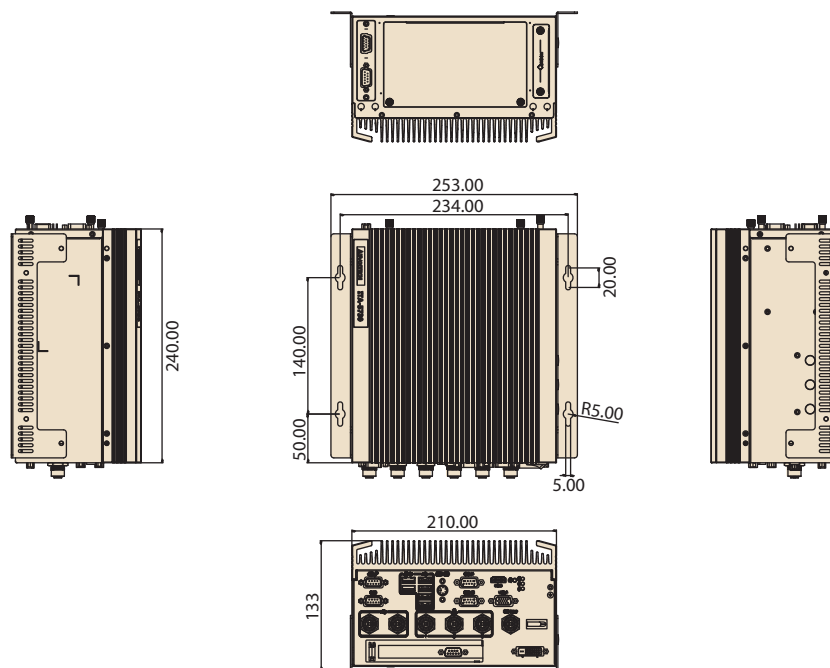


Specifications

System Chipset	CPU	Intel® Core™ i7-3555LE	Intel® Core™ i3-3217UE
	Max Speed	2.5 GHz	1.6 GHz
	L2 Cache	6 MB	3M
	Chipset	Intel HM76	
	BIOS	AMI SPI 64 Mb	
Memory	Technology	DDR3 1333/1600MHz	
	Max. Capacity	4G on board memory	
Display	Chipset	Intel Integrated Graphics HD4000, support Direct x11	
	VGA/HDMI	VGA: 1 x DB15, max resolution up to 2048 x 1536 HDMI: 1 x HDMI, support HDMI1.4 standard, max to 1920 x 1200 @ 60Hz	
	LVDS/eDP	Built-in interface	
	Display option	Dual display: VGA+HDMI	
	Controller	Intel i210-IT	
Ethernet	Interface	10/100/1000 Mbps	
	Connector	Up to 3 x M12 A-coded(F) 8-pin	
Storage	HDD/SSD	Support 1 x 2.5" SSD/HDD Easy-Swap bay	
	Others	1 x mSATA slot on M/B 1 x Easy-Swap CF/SATA DOM Module	
I/O (Others)	USB	2 x USB2.0 with M12 A-coded(F) 4-pin 4 x USB2.0 with Type A 2 x USB3.0 with Type A	
	Serial Port	2 x DB9, RS-232/422/485, Support auto-flow control	
	DIO	1 x DB9, 8-bit	
	VGA	1 x DB15	
	Audio	1 x DB9, 1 x Speaker-out with 2 x 4W Amp., 1 x Mic-in	
	PS2	1 x PS2	
Expansion Slot	Mini PCIe	1 x Mini PCIe Socket (Full size) 1 x Mini PCIe Socket (Full/Half size)	
	PCI	1 x PCI32 33Mhz Slot	
LED & Button	LED	1 x Power, 1 x Storage, 1 x Alert	
	Button	1 x Power on/off Switch 1 x Reset Button	
Power	Input Voltage	DC 24V input compliant with EN50155 class S2/C1 (Optional DC 48/72/110V input)	
	Connector	1 x M12 A-coded(M) 4-pin	
Watchdog Timer	Output	System reset	
	Interval	Programmable 1~255 sec/min	
Environment	Temperature	Operating (with Industrial SSD/CF) -40 ~ 70° C	Non-Operating -40 ~ 85° C
	Humidity	5% ~ 95% @ 40° C (Non-Condensing)	
Mechanical	Dimension (W x H x D)	210 (W) x 240 (D) x 129 (H) (8.4" x 9.5" x 5.1") 253 (W) x 240 (D) x 133 (H) (10.0" x 9.5" x 5.3") with mounting bracket	
	Install	Desktop/Wall-mounting	
Certification	EMC	CE/FCC Class A, CCC	
	Safety	UL, CB, CCC	
EN 50155 Compliance	Ambient Temperature	EN 50155 TX (-40 ~ 70° C)	
	Shock and Vibration	IEC 61373 body mount class B	
	Interruptions of Voltage Supply	Class S2	
	Supply Change Over	Class C1	
	EMC	EN 50121-3-2	

Dimensions

Unit: mm



Ordering Information

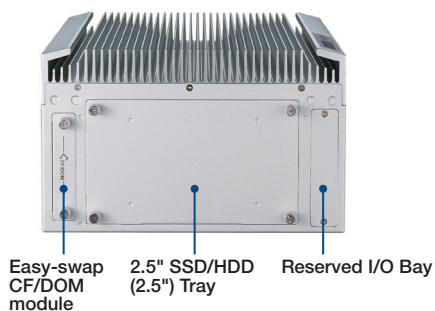
Part number	CPU	On board Memory	Ethernet (M12/A-code/ 8-pin/Female)	USB (M12/A-code/ 4-pin/Female)	Power input (M12/A-code/ 4-pin/Male)	mini-PCle Slot	mSATA Slot	COM (DB9)	2.5" SSD Tray	CF/DOM Tray	Power Input
ITA-5730-00A1E	i7-3555LE	4G DDR3	3	2	1	2	1	2	1	1	24 V _{DC}
ITA-5730-10A1E	i3-3217UE	4G DDR3	3	2	1	2	1	2	1	1	24 V _{DC}

Accessory

Part number	Description
1700022203-01	Power cable, M12 to 2-pin European terminal
1700023142-01	USB cable, M12 to standard port(Type A)
1700022205-01	LAN cable, M12 to RJ45

I/O View

Front



Rear

