

ITA-1710

Intel® Atom™ D525 AFC System with Dual GigaLAN, up to 14 COM ports and Dual Display

NEW



Features

- Fanless, Intel® Atom™ D525, 1.8 GHz Dual Core Compact System
- Supports 9 ~ 36 V wide range DC input
- Supports up to 2 x GbE, 6 x USB 2.0, 14 x COM ports
- Serial ports support RS-232/422/485 with automatic flow control
- Wide temperature -25 ~ 60° C
- Supports up to 24 Channel 24/48 bits Digital I/O
- Onboard DDR3 memory up to 2 GB and optional NVRAM
- Easy-accessible CF/DOM Module

Specifications

Processor System	CPU	Intel Atom D525		
	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 1 GB (max up to 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 or VGA + LVDS (Optional)		
		Single Channel Max: 2048 x 1536 @ 60Hz Dual Channel Max: 1366 x 768 @ 60Hz		
Ethernet	LVDS	Support 18-bit single channel up to 1366 x 768 @ 60 Hz (Optional)		
	Interface	10/100/1000 Mbps		
	Controller	2 x Intel 82583V		
	Connector	2 x RJ-45		
Storage	NVRAM	1Mb FRAM (Optional)		
	CF	1 x CompactFlash socket for Type I/II CompactFlash disk		
	HDD	1 x Easy Swap CompactFlash Module Support 2.5" HDD (Optional)		
I/O Interface	VGA	2		
	LAN	2		
	USB	6		
	Serial	10 x RS-232/422/485 Serial ports with automatic flow control (Up to 14 ports with additional 4 optional RS-232 Serial ports)		
	Digital I/O	12-CH GPI, 12-CH GPO (Optional additional 12-ch GPI, 12-ch GPO)		
	Audio	1 x Speaker out with 2x4w amplifier, 1x Mic in		
Expansion Slots	Mini PCIe	1		
Power	Input Voltage	DC 9 V ~ 36 V		
Watchdog Timer	Output	System reset		
	Interval	Programmable 1~255 sec/min		
Environment	Temperature	Operating (W/O HDD)	Operating (With HDD)	Non-Operating
		-25 ~ 60° C	0 ~ 40° C	-40 ~ 85° C
Physical Characteristics	Dimensions (W x H x D)	200 x 190 x 100 mm		



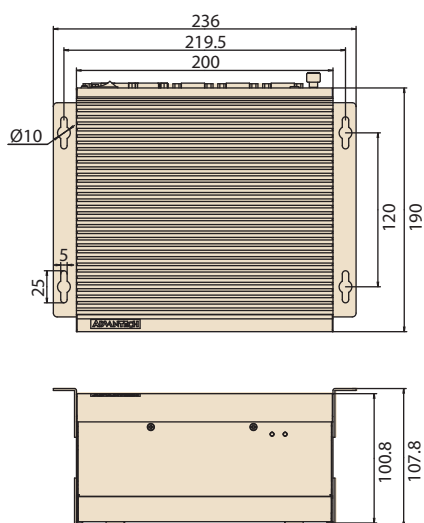
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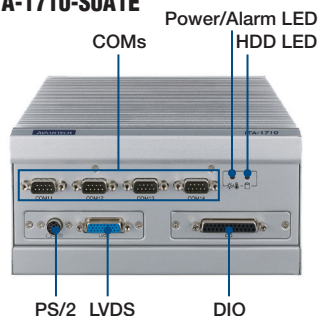
Dimensions



Unit: mm (inch)

Front View

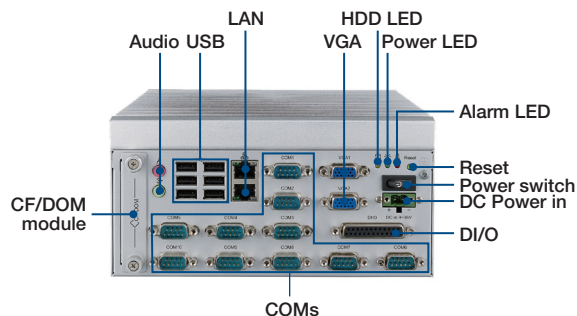
ITA-1710-S0A1E



ITA-1710-00A1E



Rear I/O View



Ordering Information

Part number	CPU	Onboard Memory	VGA	COM	D/O	GbE LAN	PS/2	LPT	LVDS	USB	CF Tray	F-ram
ITA-1710-00A1E	D525	1GB DDR3	2	10	24bit	2	No	No	No	6	Yes	No
ITA-1710-01A1E	D525	2GB DDR3	2	10	24bit	2	No	No	No	6	Yes	No
ITA-1710-S0A1E	D525	2GB DDR3	2	14	48bit	2	1	1 (optional)	1	6	Yes	No

Packing List

Part No.	Description	Quantity
2002171000	Startup manual	1
2062171000	Utility CD	1
1700019531	CF Cable 15cm	1
1960052263N001	Mounting Bracket	2
1960055919N001	DOM Bracket	1
1652002205	Plug-in Block 2P	1
1990006571S000	Rubber Pad	4
9662171000E	Accessory Box Of HDD Bracket	1

Optional Accessories

Part No.	Description
PCA-5650-00A1E	Mini PCIe VGA card
96PSA-A60W12P2-1	Adapter 100-240V 60W 12V
1700000596	Power Cord (China) CCC, 10A 250V, 3P 1.83M
1702002600-01	Power Cord 3P UL/CSA(USA) 125V 10A 1.83M
1700023534-01	Power Cord UK 3P 13A 250V 183cm