

ITA-1710

Intel® Atom™ D525 AFC System with Dual GigaLAN, 10 COM ports and Dual Display

NEW



Features

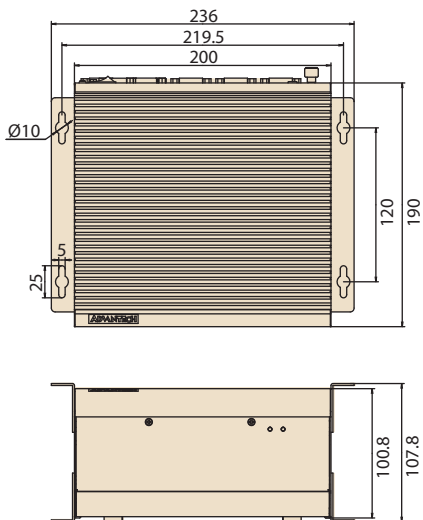
- Fanless, Intel® Atom™ D525, 1.8 GHz Dual Core Compact System
- Supports 9 ~ 36 V wide range DC input
- Supports up to 2 x GbE, 6 x USB 2.0, 10 x COM ports
- Serial ports support RS-232/422/485 with automatic flow control
- Wide temperature -25 ~ 60° C
- Supports up to 24 Channel 24/48 bits Digital 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
	LVDS	Support 18-bit single channel up to 1366 x 768 @ 60 Hz (Optional)	
Ethernet	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	
	Output	System reset	
Watchdog Timer	Interval	Programmable 1~255 sec/min	
Environment	Temperature	Operating (With HDD)	Non-Operating
		-25 ~ 60° C	0 ~ 40° C
Physical Characteristics	Dimensions (W x H x D)	200 x 190 x 100 mm	

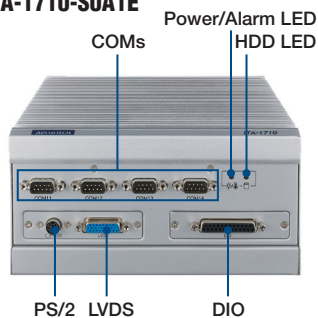
Dimensions



Unit: mm (inch)

Front View

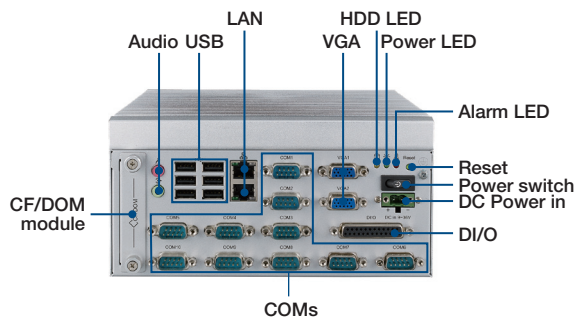
ITA-1710-S0A1E



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
1757003659	ADAPTER 100-240V 65W 19V 3.42A W/PFC 9NA0651348
1700008972	Power Cable 2-pin 180cm, USA type (CCC)
1700001948	Power Cord 2P Europe 2.5A 250V 1.8M
1700001949	Power Cord 2P UK 2.5A/3A 250V 1.8M





www.L-TronDirect.com

800-830-9523

info@L-Tron.com

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

www.L-Tron.com

Get in touch with us
on social media!

