

ITA-1711N

Intel® Celeron™ J1900 Fanless Compact System with 8GB on board



Features

- Built-in Intel® Celeron™ J1900 quad-core processor, 2.0 GHz
- Fanless, compact system design
- 8 GB of DDR3 memory onboard with optional NVRAM
- 4 x LAN, 6 x USB, 14 x COM, and 1 x USB 3.0 ports
- Replaceable secondary display (VGA 2/DVI-D/LVDS/HDMI)
- Supports dual outputs of full HD resolution video
- Serial ports support RS-232/422/485 with automatic flow control
- Supports up to 48 digital I/O (can be program)
- Supports Ingress Protection 5x



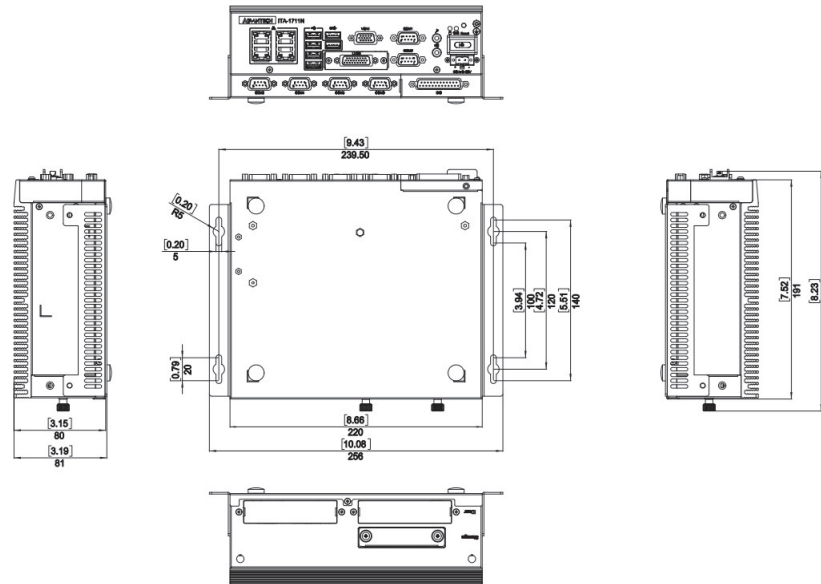
System Specifications

Processor System	CPU	Intel® Celeron™ J1900		
	Max Speed	2.0 GHz		
	L2 Cache	2 MB		
	Core Quantity	4		
	BIOS	AMI® SPI 64 Mb		
Memory	Technology	Dual-channel DDR3 1333		
	Capacity	Onboard 8 GB		
Graphics	Chipset	Embedded Intel® Gen 7 Graphics		
	VRAM	Shared system memory up to 256 MB SDRAM		
	Dual Display	2 x VGA/VGA + DVI-D/VGA + LVDS / HDMI		
		Single channel maximum: 1920 x 1080 @ 60 Hz Dual channel maximum: 1920 x 1080 @ 60 Hz		
LVDS (optional)	Supports 18/24-bit dual channel, up to 1920 x 1080 @ 60 Hz			
Ethernet	Interface	10/100/1000 Mbps		
	Controller	4 x Intel® I211		
	Connector	4 x RJ-45		
Storage	NVRAM	1 Mb FRAM (optional)		
	Internal	1 x mSATA socket Supports 1 x 2.5" HDD/SSD (optional)		
	External	1 x Easy swap SATA slim/CompactFlash module		
I/O Interface	Main Display	VGA 1		
	Secondary Display	VGA 2/DVI-D/LVDS/HDMI		
	LAN	4		
	USB	6 (5 x USB 2.0, 1 x USB 3.0)		
	COM	6 x RS 232/422/485 ports with automatic flow control (up to 14 ports, supports 8 additional optional RS-232 serial ports)		
	Digital I/O	1 x 24-bit GPIO (48-bit GPIO optional)		
	Audio	1 x Speaker-out with 2 x 4W amplifier, 1 x Mic-in		
Reserved Area (rear panel)	2 (LPT, DIO2, PS/2 optional)			
Expansion Slots	Mini PCIe	1		
Power	Input Voltage	9 ~ 36 V DC		
	Output	System reset		
Watchdog Timer	Interval	Programmable 1~255 sec/min		
	Environment	Operating (w/o HDD)	Operating (with HDD)	Non-Operating
Physical Characteristics	Temperature	-25 ~ 60 °C	0 ~ 40 °C	-40 ~ 85 °C
	Dimensions (W x H x D)	220 x 80 x 190 mm		

Dimensions

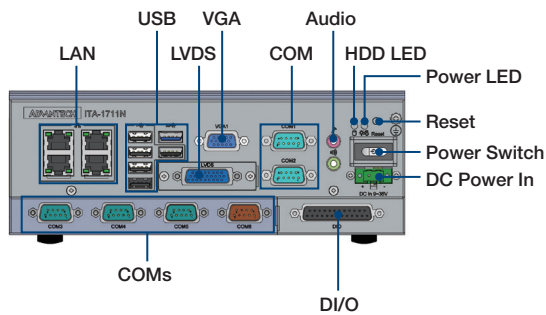
Unit: mm

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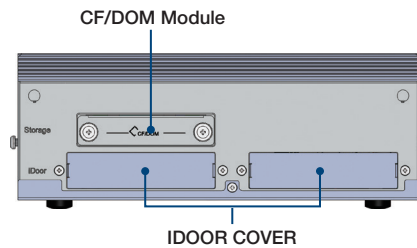


Front View

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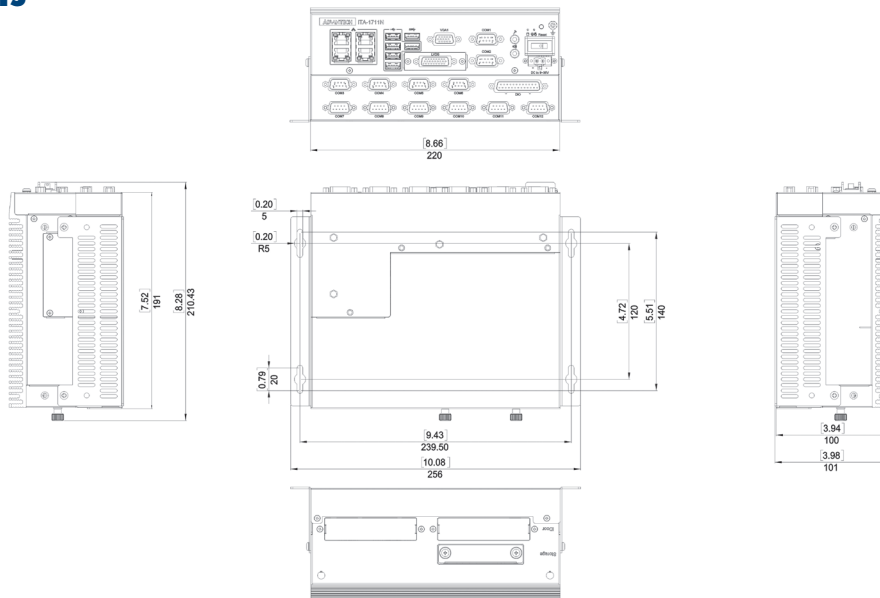
Rear View



Dimensions

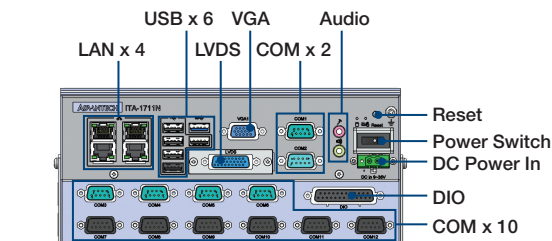
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Unit: mm

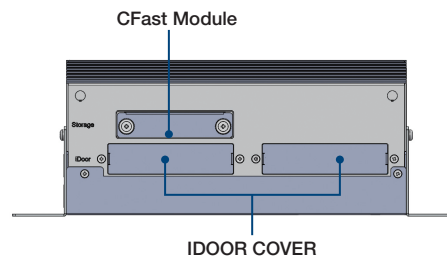


Front View

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Rear View



Ordering Information

Part Number	CPU	Onboard Memory	Display	COM	D/O	GbE LAN	USB	CF Tray
ITA-1711N-00A1	J1900	8 GB DDR3	VGA+LVDS	6	24 bit	4	6	Yes
ITA-1711N-10A1	J1900	8 GB DDR3	VGA+LVDS	12	48 bit	4	6	Yes

Packing List

Part Number	Description	Quantity
2041171100	Startup menu (CH)	1
2041171110	Startup menu (EN)	1
1960054855T001	HDD bracket	1
1960065855N004	IDOOR COVER BLANK	1
1700030380-01	HDD SATA cable	1
1700017929	HDD power cable	1
1990021361N010	HDD thermal pad 1	1
1990021362N010	HDD thermal pad 2	1
1960052263T001	Mounting bracket	2 for ITA-1711N-00A1
1960096508N001	Mounting bracket	2 for ITA-1711N-10A1
1652002205	Plug-in connector	1

Optional Accessories

Part Number	Description
PCA-5650-00A1E	Mini PCIe VGA card
9891B17120E	DP to VGA board
96PSA-A60W12P2-3	Adapter 100-240V 60W 12V
1700000596-11	Power cord (China) CCC, 10A 250V, 3P, 1.83 M
1702002600-01	Power cord UL/CSA (USA) 125V 10A, 3P, 1.83 M
1700018704	Power Cord BSI 2P 10A 250V 180cm
1702002605-01	Power cord (EU) 10A/16A, 250V, 3P, 1.83 M