

ITA-1611

Intel® Celeron™ J1900 Compact System Dual GigaLAN and Dual Display

NEW



Features

- Fanless, Intel® Celeron™ J1900, 2.0 GHz Quad Core Compact System
- Onboard DDR3 memory up to 8 GB and optional NVRAM
- Supports up to 2 x GbE, 6 x USB, 6 x COM ports
- Supports 1 x USB 3.0 port
- Replaceable VGA/LVDS module
- Support high-resolution VGA/LVDS/DVI Output
- Serial ports support RS-232/422/485 with automatic flow control
- Supports 8 channel Digital I/O
- Onboard DDR3 memory up to 8 GB and optional NVRAM



Specifications

Processor System	CPU	Intel® Celeron™ J1900		
	Max Speed	2.0 GHz		
	L2 Cache	2 MB		
	Core Number	4		
	BIOS	AMI SPI 16Mb		
Memory	Technology	Dual channel DDR3 1333		
	Capacity	Onboard 4 GB (Up to 8 GB with SODIMM)		
Graphics	Chipset	Embedded Gen 4+GFX Core		
	VRAM	Shared system memory up to 256 MB SDRAM		
	Dual Display	2 x VGA (default) or VGA + LVDS or VGA + DVI-D		
		Single channel max: 2048 x 1536 @ 60Hz Dual channel max: 1920 x 1080 @ 60Hz		
	LVDS	Support 18bit /24bit dual channel up to 1920 x 1080 @ 60Hz		
Ethernet	Interface	10/100/1000 Mbps		
	Controller	2 x Intel I211		
	Connector	2 x RJ-45		
Storage	NVRAM	1 Mb FRAM(Optional)		
	M-Sata	1 x M-Sata Socket		
	HDD	Support 1 x 2.5" HDD		
I/O Interface	VGA	2		
	LVDS	1 (optional)		
	LAN	2		
	USB	6 (5 x USB 2.0, 1 x USB 3.0)		
	COM	2 x RS 232/422/485 ports with automatic flow control (Up to 6 ports with additional 4 optional RS-232 Serial ports)		
	Digital I/O	1 x 8-ch GPIO		
	Audio	1 x Speaker out with 2x4w amplifier, 1x Mic in		
	PS/2	1		
	Reserved area	1 (default 1 x LPT port, optional 2 x VGA with PCA-5650)		
Expansion Slots	Mini PCIe	1		
Power	Power Input Voltage	DC 9 V ~ 36 V input		
Watchdog Timer	Output	System reset		
	Interval	Programmable 1~255 sec/min		
Environment	Temperature	Operating (W/O HDD)	Operating (With HDD)	Non-Operating
		-25 ~ 65° C	0 ~ 40° C	-40 ~ 85° C
Physical Characteristics	Dimensions (W x H x D)	200 x 70 x 190 mm		