

# ITA-1611

## Intel® Celeron™ J1900 Fanless Compact System with Dual Gigabit Ethernet LAN and Dual Displays



### Features

- Built-in Intel® Celeron™ J1900 quad-core processor, 2.0 GHz
- Fanless, compact system design
- 4 GB of DDR3 memory onboard with optional NVRAM
- 2 x LAN, 6 x USB, 6 x COM, and 1 x USB 3.0 ports
- Replaceable secondary display (VGA 2/DVI-D/LVDS)
- Supports dual outputs of full HD resolution video

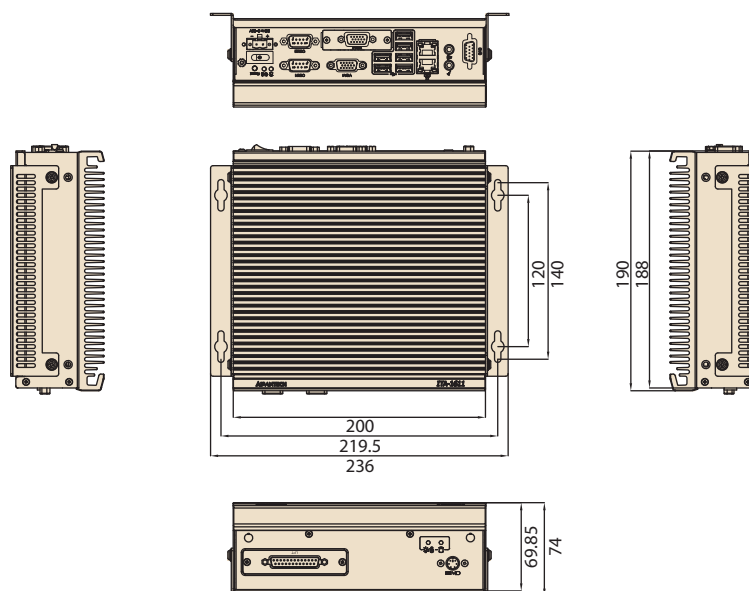


### System Specifications

|                          |                             |                                                                                                                             |                      |               |
|--------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------|---------------|
| 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 4 GB (up to 8 GB with SODIMM)                                                                                       |                      |               |
| 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                                                                                              |                      |               |
|                          |                             | Single channel maximum: 1920 x 1080 @ 60 Hz<br>Dual channel maximum: 1920 x 1080 @ 60 Hz                                    |                      |               |
| Ethernet                 | LVDS (optional)             | Supports 18/24-bit dual channel, up to 1920 x 1080 @ 60 Hz                                                                  |                      |               |
|                          | Interface                   | 10/100/1000 Mbps                                                                                                            |                      |               |
|                          | Controller                  | 2 x Intel® I211                                                                                                             |                      |               |
| Storage                  | Connector                   | 2 x RJ-45                                                                                                                   |                      |               |
|                          | NVRAM                       | 1 Mb FRAM (optional)                                                                                                        |                      |               |
|                          | Internal                    | 1 x mSATA socket                                                                                                            |                      |               |
|                          | External                    | Supports 1 x 2.5" HDD/SSD (optional)                                                                                        |                      |               |
| I/O Interface            | Main Display                | VGA 1                                                                                                                       |                      |               |
|                          | Secondary Display           | VGA 2/DVI-D/LVDS                                                                                                            |                      |               |
|                          | 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<br>(up to 6 ports, supports 4 additional optional RS-232 serial ports) |                      |               |
|                          | Digital I/O                 | 1 x 8-channel GPIO                                                                                                          |                      |               |
|                          | Audio                       | 1 x Speaker-out with 2 x 4W amplifier, 1 x Mic-in                                                                           |                      |               |
|                          | PS/2 (front panel)          | 1                                                                                                                           |                      |               |
|                          | Reserved Area (front panel) | 1 (1 x LPT port as default; 2 x VGA with PCA-5650 optional)                                                                 |                      |               |
| Expansion Slots          | Mini PCIe                   | 1                                                                                                                           |                      |               |
| Power                    | Input Voltage               | 9 ~ 36 V DC                                                                                                                 |                      |               |
| 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 69.85 x 190 mm (7.87" x 2.75" x 7.47")/236 x 74 x 190 mm (9.28" x 2.91" x 7.47") with mounting kits                   |                      |               |

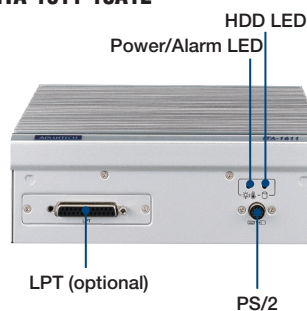
## Dimensions

Unit: mm

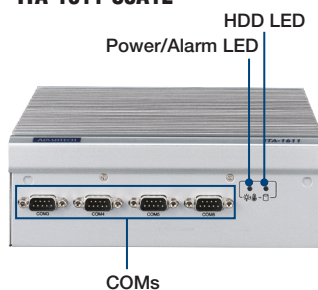


## Front View

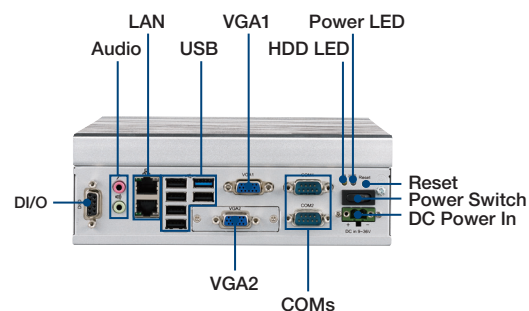
### ITA-1611-10A1E



### ITA-1611-S0A1E



## Rear View



## Ordering Information

| Part Number    | CPU   | Onboard Memory | Display  | COM | D/O   | GbE LAN | USB |
|----------------|-------|----------------|----------|-----|-------|---------|-----|
| ITA-1611-00A1E | J1900 | 4 GB DDR3      | VGA+DVI  | 2   | 8 bit | 2       | 6   |
| ITA-1611-10A1E | J1900 | 4 GB DDR3      | VGA*2    | 2   | 8 bit | 2       | 6   |
| ITA-1611-20A1E | J1900 | 4 GB DDR3      | VGA+LVDS | 2   | 8 bit | 2       | 6   |
| ITA-1611-S0A1E | J1900 | 4 GB DDR3      | VGA+DVI  | 6   | 8 bit | 2       | 6   |

## Packing List

| Part Number    | Description        | Quantity |
|----------------|--------------------|----------|
| 2001161100     | Startup menu (CH)  | 1        |
| 2001161110     | Startup menu (CH)  | 1        |
| 2062171010     | CD-ROM             | 1        |
| 1960054855N001 | HDD bracket part 1 | 1        |
| 1960057417N301 | HDD bracket part 2 | 1        |
| 1700009409     | HDD SATA cable     | 1        |
| 1700017839     | HDD power cable    | 1        |
| 1990021361N000 | HDD thermal pad 1  | 1        |
| 1990021362N000 | HDD thermal pad 2  | 1        |
| 1960052263T001 | Mounting bracket   | 2        |
| 1652002205     | Plug-in connector  | 1        |

## Optional Accessories

| Part Number      | Description                                  |
|------------------|----------------------------------------------|
| PCA-5650-00A1E   | Mini PCIe VGA card                           |
| 96PSA-A60W12P2-1 | 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    |
| 1700019592       | LPT Cable (front panel)                      |
| 1960057418N001   | VGA bracket (front panel)                    |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při  
objednávce nad 10 000 Kč bez DPH  
nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače  
s možností jejího prodloužení  
až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují  
za nižší ceny. Výše slevy se odvíjí  
od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme  
rozšířenou podporu a servis s garancí  
výměny zařízení do 48 hodin.