

## QBiX-Pro-BYTA1900HD-A1

DIN Rail industrial system with Intel® Celeron® J1900 Processor



### Features

- System Size : 160W x 118D x 62.6H (mm)
- Intel® Celeron® J1900 Processor
- Single Channel DDR3L 1333 MHz
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 1 x COM Port (RS-232/422/485)
- 2 x GbE LAN Ports

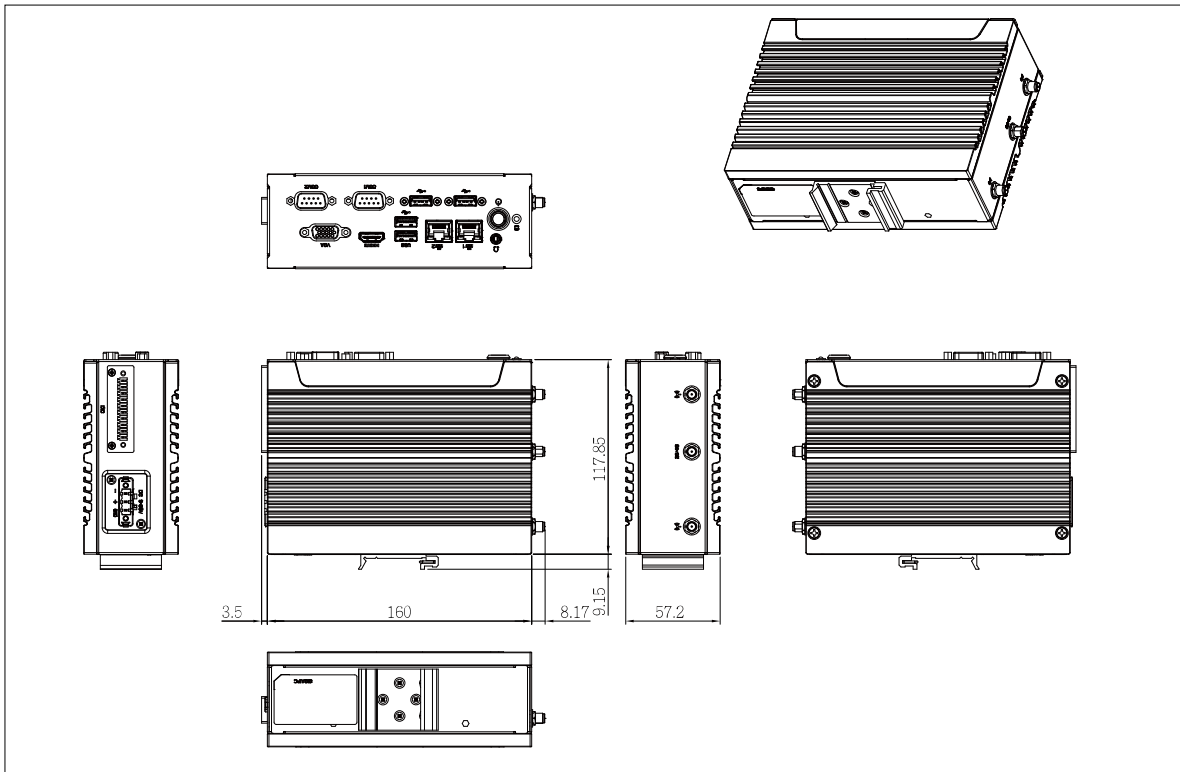
### Specifications

|                            |   |
|----------------------------|---|
| Dimension                  | System Size : 160W x 118D x 62.6H (mm)  |
| CPU                        | Intel® Celeron® J1900 Processor<br>22nm, 4 cores, 4 threads, up to 2.42 GHz<br>TDP 10W  |
| Chipset                    | SoC   |
| Memory                     | 1 x DDR3L SO-DIMM socket, Max. Capacity 8 GB<br>Support Single Channel DDR3L 1333 MHz memory modules  |
| Ethernet                   | 2 x GbE LAN Ports (Intel® I211AT)   |
| Graphic support            | Integrated Graphics Processor - Intel® HD Graphics:<br>1 x HDMI 1.4 port, supporting a maximum resolution of 1920x1200 @60Hz<br>1 x VGA port, supporting a maximum resolution of 2560x1600 @60Hz<br><br>(2 independent display outputs) |
| Audio                      | Realtek® Audio codec  |
| Storage                    | 1 x 2.5" HDD/SSD (SATA 3Gb/s)   |
| Expansion Slots            | 1 x 2280 M.2 M-Key (SATA 3Gb/s)<br>1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module   |
| Front I/O                  | 2 x RJ45 LAN Ports<br>1 x USB 3.2 Gen 1<br>3 x USB 2.0<br>1 x HDMI<br>1 x VGA<br>1 x COM Port (RS-232/422/485 & RI/5V/12V)<br>1 x COM Port (RS-232/422/485)<br>1 x Power button with LED<br>1 x HDD LED<br>1 x Headphone Jack           |
| Rear I/O                   | 1 x Din Rail Mounting Support   |
| Side I/O                   | 1 x GPIO (8 bit)<br>1 x 3-pin Terminal Block<br>3 x External Antenna Holes (Optional)   |
| TPM                        | 1 x TPM header  |
| Power                      | +9V~36VDC (Full Range)  |
| Operation temperature      | Operating temperature: 0°C to 50°C<br>Operating humidity: 0~90% (non-condensing)<br>Non-operating temperature: -40°C to 85°C<br>Non-operating humidity: 0%~95% (non-condensing)<br>Use wide temperature range memory and storage        |
| Vibration During Operation | Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2242<br>Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis   |
| Shock During Operation     | Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD  |

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## Dimension

Unit: mm



## Packing Content

- Carton size: 416 x 409 x 347 (mm)
- Packing Capacity: 6pcs
- Including:
  - Screw for 2.5" HDD M3x4L x 4 (P/N: 25984G-1C014-S00)
  - Terminal Blocks Male Plug x 1 (P/N: 25100-5ESDV0-D2R)
  - Terminal Blocks 1\*10P x 1 (P/N: 25100-EC3810-D2R)

## Order Information

- System: 6BQP1900BMR-SI (Box packing)

## Optional Kit

- TPM 2.0 module P/N: 9CTM000NR-00
- TPM Cable P/N: 25CRZ-100600-S9R

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