

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

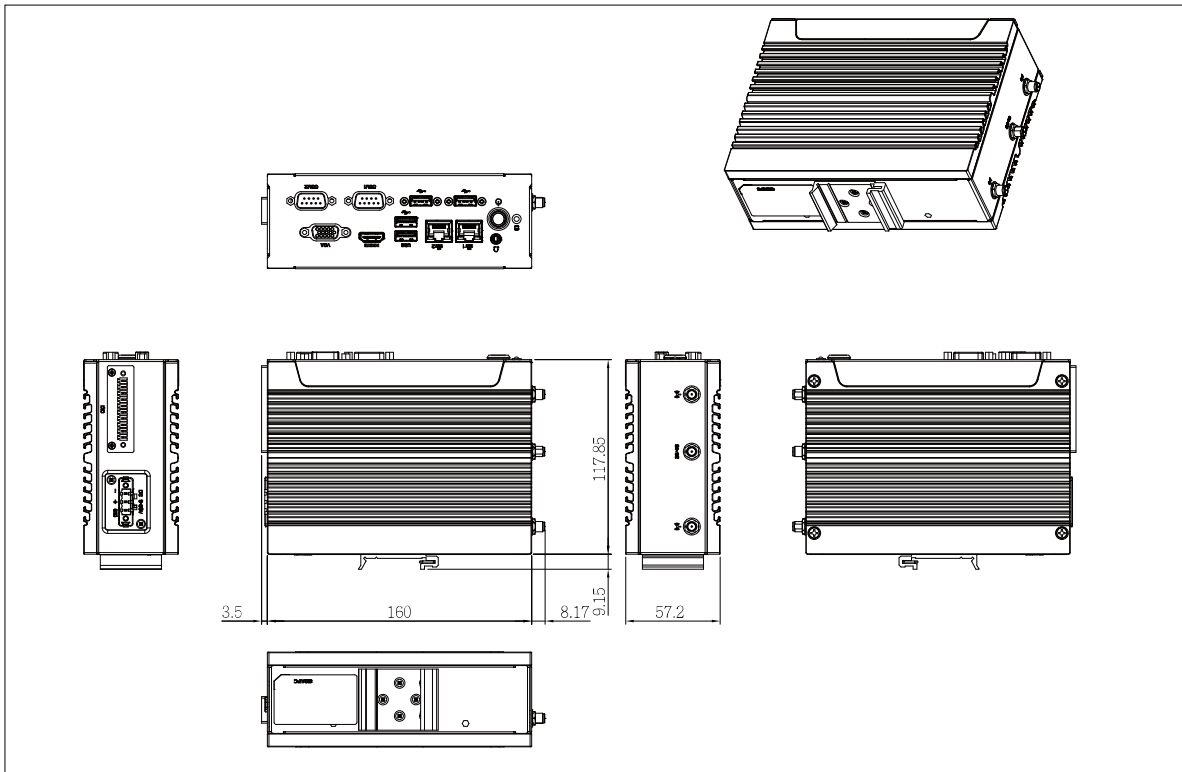
Specifications

Dimension	System Size : 160W x 118D x 62.6H (mm)
CPU	Intel® Celeron® J1900 Processor 22nm, 4 cores, 4 threads, up to 2.42 GHz TDP 10W
Chipset	SoC
Memory	1 x DDR3L SO-DIMM socket, Max. Capacity 8 GB Support Single Channel DDR3L 1333 MHz memory modules
Ethernet	2 x GbE LAN Ports (Intel® I211AT)
Graphic support	Integrated Graphics Processor - Intel® HD Graphics: 1 x HDMI 1.4 port, supporting a maximum resolution of 1920x1200 @60Hz 1 x VGA port, supporting a maximum resolution of 2560x1600 @60Hz (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) 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 1 x USB 3.2 Gen 1 3 x USB 2.0 1 x HDMI 1 x VGA 1 x COM Port (RS-232/422/485 & RI/5V/12V) 1 x COM Port (RS-232/422/485) 1 x Power button with LED 1 x HDD LED 1 x Headphone Jack
Rear I/O	1 x Din Rail Mounting Support
Side I/O	1 x GPIO (8 bit) 1 x 3-pin Terminal Block 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 Operating humidity: 0~90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%~95% (non-condensing) 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 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 1*3P 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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