

# PowerBrick Ultra V2

## Intel CPU Fanless Rugged Computer



## Features

- Intel Quad Core J1900 CPU
- Dual Display Output (VGA and HDMI)
- Support Wireless 4G/LTE, WiFi & BT
- Dual Gigabit Ethernet & 6 x RS-232/485
- Wide Range Operating Temp (-20°~60°C)
- Compact Size & Fanless
- DC 12V/9-30V Power Input
- Support OS Win 7/10 Pro, Linux

## System

CPU	Intel® Quad Core <b>J1900, 2.0G</b>
Memory	1 x 4G DDR3L-1600 SO-DIMM up to 8GB
Chipset	Intel® Express Chipset
Graphics	Integrated Intel® HD Graphic Card
BIOS	AMI 64Mbit DPI
LAN	Intel® WGI1211AT
Watchdog	1 ~ 255 Level Reset

## I/O

Serial Port	6 x RS-232, RS422/485 Supported
USB Port	6 x USB 2.0/3.0 Ports
LAN	2 x RJ45 Ports for GbE
Wireless	WiFi and Bluetooth, 3/4G/LTE, 1x SIM slot
Video Port	1 x HDMI, 1 x VGA Output,
GPIO(Option)	Support 4 In and 4 Out GPIO Ports (3.3V Level)
Audio	Line-Out, Mic-in

## Storage

Type	1 x 2.5" Drive Bay for SATA Type SSD (120GB Default) 1 x mSATA socket
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## Software

OS	Windows 7/10 Pro 32/64, Linux
Model#:	PBU-iJ4120WB-DC12

## Qualification

Certifications	CE, FCC Class A, RoHS
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## Environmental

Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-30°C ~ 70°C (-22°F ~ 158°F)
Relative Humidity	10 ~ 90%
Power Input	DC 12V or 9-30V Input w/ Reverse Polarity
Power Cons.	35W

## Mechanical

Construction	Aluminum Alloy
Mounting	Wall-mount, VESA-mount (Optional)
Weight	4.6 LB (2.1kg)
Dimensions	234(9.2") x 122(4.8") x 54(2.1") mm

## Support Information



ISO 9001:2008

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