

WEBS-8910

Embedded Rugged Fan-less System with
Intel® Celeron® J6412 SoC based proprietary board.



System

CPU	Intel® Celeron® J6412
BIOS	AMI uEFI BIOS
Memory	1x non-ECC DDR4-3200MHz SO-DIMM up to 32GB
Storage	1x M.2 2242 M key (SATA III)
Watchdog Timer	1~255 levels programmable Watchdog Timer
Expansion	1x Full-size miniPCIe slot 1 x SIM card holder on bottom side for easy access

External I/O

Serial Port	- 1x RS-232 - 1x RS-485
Display	- 1x HDMI (3840x2160@60Hz) - 1x DP (4096x2160@60Hz)
USB	- 3x USB 3.1
Ethernet	- 3x RJ45 GbE (Intel i210AT)

Power Supply Unit

Power Input	DC 12~24V input, max. 45W
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Environmental

Operation Temperature	-20°C~60°C (-4°F~40°F)
Storage Temperature	-40°C~80°C (-40°F~176°F)
Relative Humidity	40°C, 95%RH non-condensing
Operation Vibration	1.5Grms/5-500Hz, IEC 60068-2-64
Operation Shock	20G, 11 msec, IEC 60068-2-27

Mechanical

Dimension	138 (W) x 102 (D) x 48 (H) mm
Weight	1.06 Kg
Mounting	Wall, DIN-rail mounting

FEATURES

- Fanless platform to support wide operating temperature -20 ~ 60°C with Intel® Celeron® J6412 SoC
- 1x SO-DIMM DDR4-3200MHz up to 32GB
- 3x RJ45 GbE
- 1x RS-232 and 1x RS-232/485 supported
- 1x M.2 2242 M key for SSD and 1x miniPCIe for Wi-Fi/4G options



Portwell, Inc. Headquarters
No. 242, Bo'AI St., Shu-Lin Dist,
New Taipei City 238, Taiwan
Tel: +886-2-7731-8888
Fax: +886-2-7731-9888
E-mail: info@portwell.com.tw
www.portwell.com.tw

American Portwell
(Fremont, CA)
Tel: +1-510-403-3999
E-mail: info@portwell.com
www.portwell.com

Portwell Japan, Inc.
(Tokyo)
Tel: +81-3-6902-9225
E-mail: info@portwell.co.jp
www.portwell.co.jp

European Portwell
Tel: +31-252-620790
E-mail: info@portwell.eu
www.portwell.eu

Shanghai Portwell
Tel: +86-21-5771-2505
E-mail: info@portwell.com.cn
www.portwell.com.cn

Portwell India Technology Private Limited
Tel: +91-80-4168-4255
E-mail: enquiry@portwell.in
www.portwell.in

Portwell UK Ltd.
Tel: +44(0)1235-750-760
E-mail: info@portwell.eu
www.portwell.eu

Portwell Japan, Inc.
(Osaka)
Tel: +81-6-4807-7721
E-mail: info@portwell.co.jp
www.portwell.co.jp

KIOSK Embedded Systems GmbH
Tel: +49-8152-3962-500
E-mail: info@portwell.eu
www.portwell.de

Portwell Korea, Inc.
Tel: +82-31-450-3043
E-mail: info@portwell.co.kr
www.portwell.co.kr