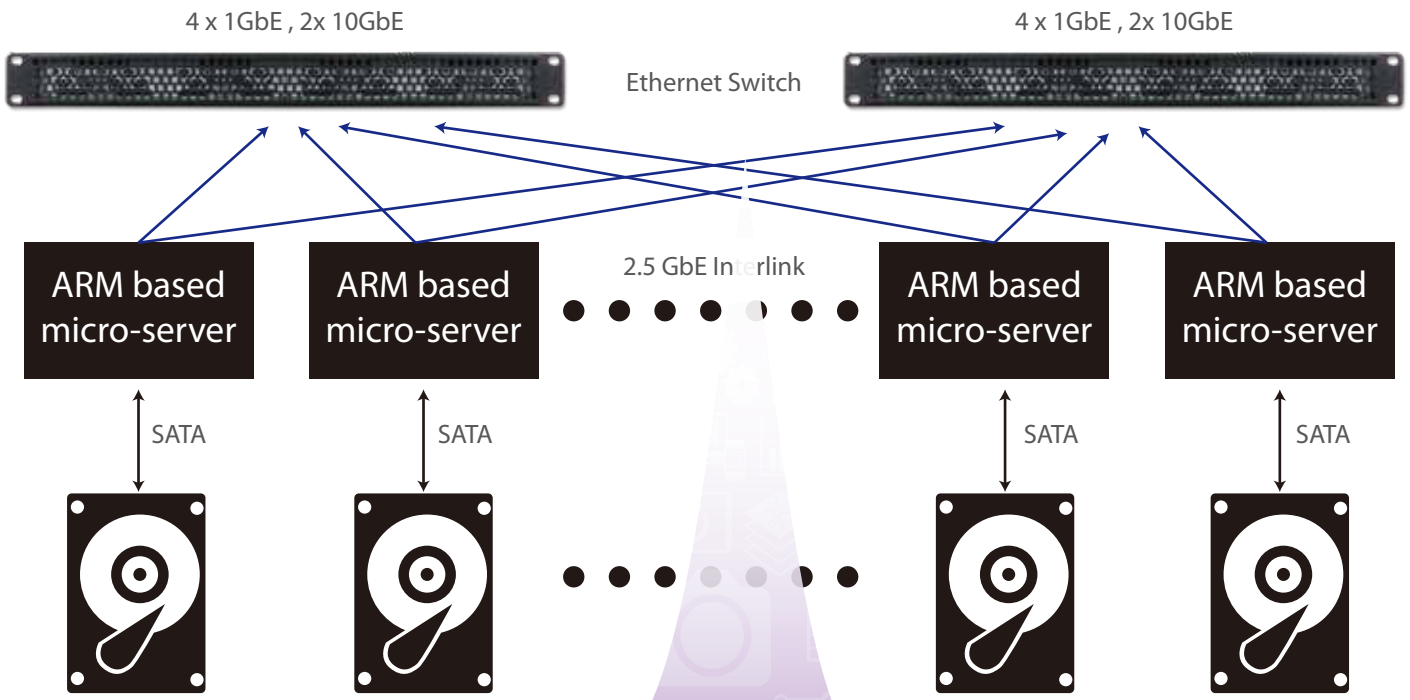


New Era of Software Defined Storage JBOND Is On The Way



- Truly separate storage from servers, accelerating response in an ever-changing environment
- Improves performance by eliminating layers of antiquated file system software
- Each drive has its own ARM-based processor, memory and redundant Ethernet controllers to provide stable performance
- Ideal for Object data storage, Hyperscale and scale-out storage, Cloud storage arrays and Cloud backup storage applications

JBOND: Just Bunch of Network Disks





Model	CMVL-1U12B
X86 Server Module (Optional)	Intel® Xeon® processor – Broadwell-DE based on COM Express® Type 6 Basic Module Support DDR4-2133 MT/s ECC SDRAM on three SO-DIMM slots, up to 48GB
ARM Based micro-server	12 x Marvell® Armada® 3720 Dual ARM® v8 1GHz micro-server 512MB/1GB/2GB DDR4 SDRAM 4GB/8GB/16GB/32GB eMMC storage 2 x 2.5 Gbps Ethernet 2 x SATA III (6 Gbps)
Network	Dual redundant Ethernet switch Dual 2 x SFP+ (10Gbps) uplink network Dual 4 x Gbps uplink network
Management	1 x Gbps out-of-band management port on switch board 1 x Gbps out-of-band management port on BMC
PSU	2 x 400/600 Watts 80PLUS Redundant Power Supply
Chassis	12 x HDD/micro-server status LED on front panel Power On/Off switch
Form factor	1U rackmount form factor 482(w) x 850(d) x 44(h)mm

Front View



12 x HDD and micro-server status LED

Rear View



USB and HDMI for x86 system
Ethernet out-of-band port and management port
4 x RJ45 GbE ports
2 x SFP+ 10GbE ports
GbE and management ports for BMC
Redundant Switch Module
Redundant Power Supply



Portwell, Inc. Headquarters

No. 242, Bo'AI St., Shu-Lin Dist,
New Taipei City 238, Taiwan
Tel: +886-2-77318888
Fax: +886-2-77319888
E-mail: info@portwell.com.tw
<http://www.portwell.com.tw>

Americas

American Portwell
(Fremont, CA)
44200 Christy St., Fremont, CA 94538,
USA
Tel: +1-510-403-3399
Fax: +1-510-403-3184
E-mail: info@portwell.com
<http://www.portwell.com>

Portwell Latin America
(Brazil)
Rua Engenheiro Roberto Fischer, 208,
Sala No.3-Parque Industrial software
CEP 81250-025-CIC-Curitiba-Brazil
Tel: +55(41)-3121-7200
+55(41)-3121-7201
E-mail: vendas@portwell.com.br
<http://www.portwell.com.br>

China

Shanghai Portwell
(201612), Room 1303-1, Building 33,
No.258, Xinhuan Highway, Songjiang
District, Shanghai
Tel: +86-21-5771-2505
Fax: +86-21-5772-2965
E-mail: info@portwell.com.cn
<http://www.portwell.com.cn>

Japan

Portwell Japan, Inc.
(Tokyo)
〒112-0011 4-27-10, Sengoku,
Bunkyo-ku, Tokyo, Japan
Tel: +81-3-6902-9225
Fax: +81-3-6902-9226
E-mail: info@portwell.co.jp
<http://www.portwell.co.jp>

Portwell Japan, Inc.
(Osaka)
〒532-0004 Ste.501 Nippo Shin-osaka
Dai-2 Bldg, 1-8-33 Nishi-Miyahara,
Yodogawa-ku Osaka Japan
Tel: +81-6-4807-7721
Fax: +81-6-4807-7720
E-mail: info@portwell.co.jp
<http://www.portwell.co.jp>

Korea

Portwell Korea, Inc.
O-BIZ Tower 1901.No.126,
Beolmal-ro,Dongan-gu,Anyang-si,
Gyeonggi-do, Korea, 431-060
Tel :+82-31-450-3043
Fax:+82-31-450-3044
E-mail: info@portwell.co.kr
<http://www.portwell.co.kr>

Europe

European Portwell
Schillingweg 3, 2153 PL
Nieuw Vennepe, The Netherlands
Tel: +31-252-620790
Fax: +31-252-621325
E-mail: info@portwell.eu
<http://www.portwell.eu>

Portwell Deutschland
GmbH
Otto-Hahn-Str. 48, D-63303 Dreieich
Tel: +49-6103-3008-0
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
<http://www.portwell.de>

Portwell UK Ltd.

Office TH2
Trident House, Trident Park Basil
Hill Road, Didcot, OX11 7HJ, UK
Tel: +44-1235-750760
Fax: +44-1235-750761
E-mail: info@portwell.co.uk
<http://www.portwell.co.uk>

India

Portwell India Technology
2nd Floor, 5M-665, 5th Main Road, OMBR
Layout, Banaswadi, Bangalore -560043,
India
Tel: +91-80-41684255
E-mail: info@portwell.in
<http://www.portwell.in>