



RS4U-Q170-TVS

Powerful Rackmount System Turnkey Vision System

Rack-Mount System for Industrial Automation & Control Targeting Turnkey Vision System

Key Features

- Skylake-S Desktop platform
- Japan Design & MIT quality
- Integrated I210 GbE x2
- Four DIMM slots, up to 64GB memory support
- API function control by Super IO
- Support 2x PCIe16 slot with 16 lanes

Key Benefits

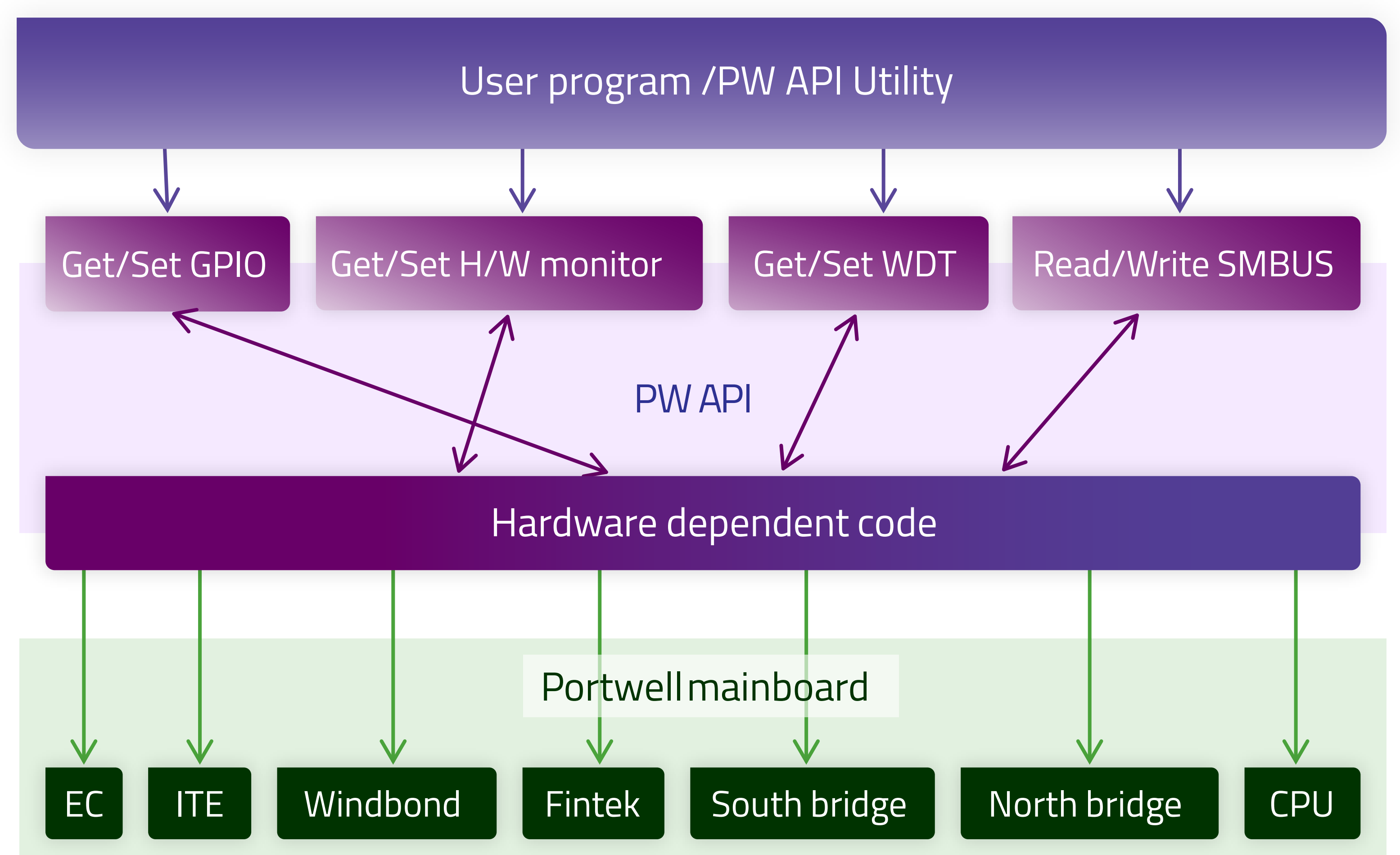
- Desktop platform
- Higher quality rack-mount system
- Easy to strengthen memory capacity
- Easy H/W control by API
- PCIe expansion for graphic card & FPGA card

Specification

CPU	Intel® 6 th Core™ Processors i5-6500
Memory	8GB DDR4 Memory
Storage	Internal: 2x 5.25", 1x 3.5" HDD
I/O Interface	-1x VGA, 1x DVI-D, 1x HDMI -6x USB3.0 -1x Audio (LINE-IN/LINE-OUT/MIC-IN) -2x Gigabit Ethernet
Expansion	-1x PCIe x16 or 2x PCIe x8 (Gen3) -2x PCIe x4 (Gen3) -3x PCI
Power Input	100V~240V AC, Full Range
Dimension	482x 481 x 177 mm
Weight	12 Kg
Operating Temperature	0~50 °C

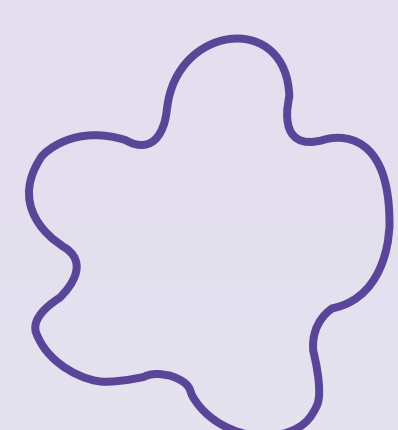
API: Application Programming Interface

Portwell API(Application Programming Interface) is a bridge to simplify and enhance H/W & S/W application implementation efficiency



What API do ?

- Hardware monitor- (PWR, Temp, Fan speed)
- Fan control - (Temp controls fan speed)
- GPIO control (programmable)
- WDT (Reset, Show-down, NMI)
- SMBus (controlled by PCH)
- I²C



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>

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
Tel: +55-41-3121-7201
E-mail: vendas@portwell.com.br
<http://www.portwell.com.br>

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>

European Portwell

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

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>

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>

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>

Portwell Deutschland GmbH

Otto-Hahn-Str. 48, D-63303 Dreieich
Layout, Banaswadi, Bangalore -560043,
India
Tel: +91-80-41684255
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
<http://www.portwell.de>

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.in
<http://www.portwell.com.cn>

Portwell India Technology

2nd Floor, 5M-665, 5th Main Road, OMBR
Layout, Banaswadi, Bangalore -560043,
India
Tel: +91-80-41684255
Fax: +49-6103-3008-199
E-mail: info@portwell.eu
<http://www.portwell.in>