

RS4U-8017-IAB

Making easier expansion support
Industrial Automation Control

Box PC for Industrial Automation & Control Targeting Industrial Automation Box PC

Key Features

- Skylake-S Desktop platform
- Portwell SEB Support
- Integrated I210 GbE x2
- Dual DIMM slots, up to 32GB memory support
- API function control by Super IO
- Support 1x PCIe16; 1x PCIe1 and 2x PCI

Specification

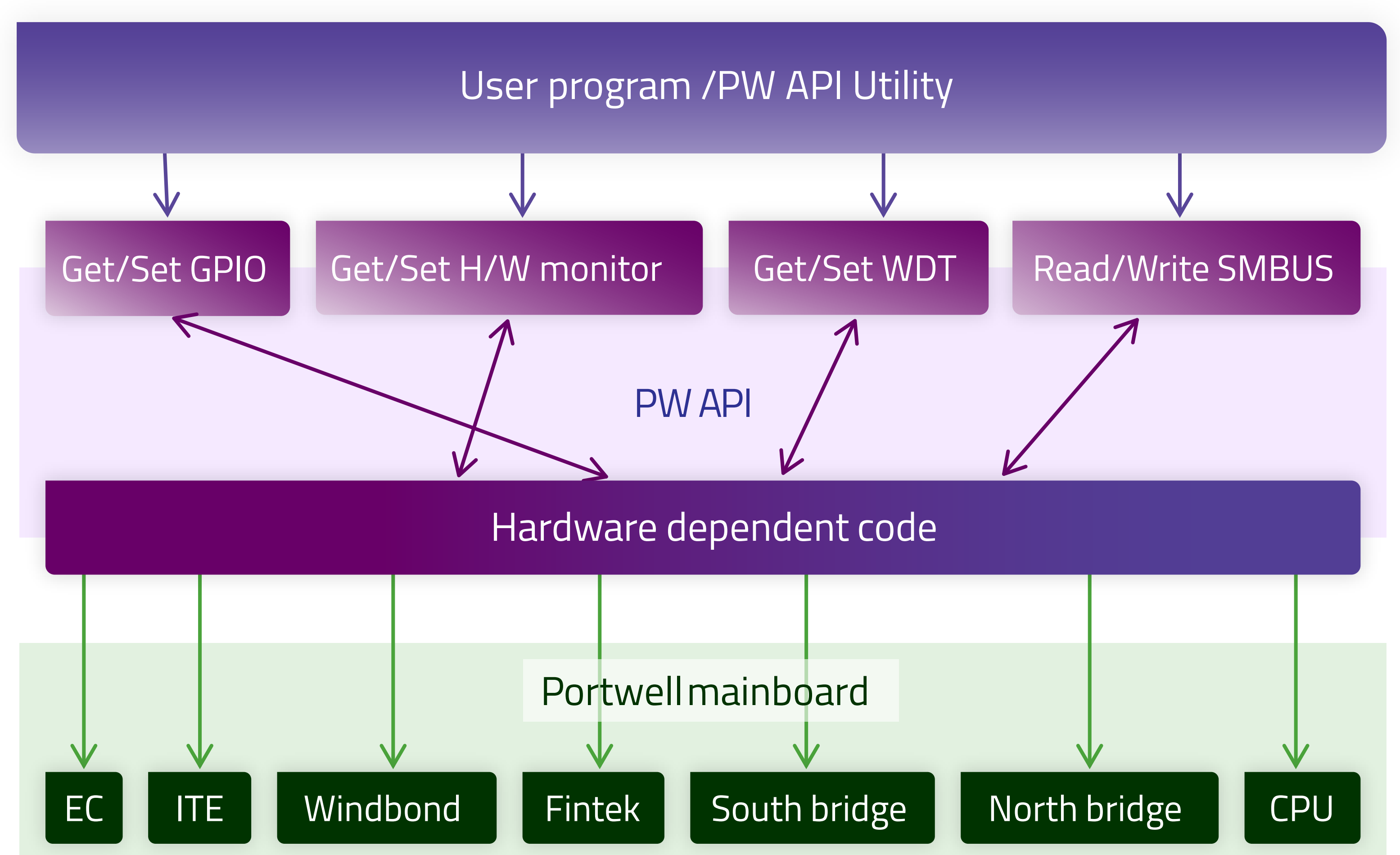
CPU	Intel® 6 th Core™ Processors i5-6500
Memory	8GB DDR4 Memory
Storage	1x 128G 2,5"SSD (Internal: 2x 2.5" HDD/SSD)
I/O Interface	-1x VGA, 1x DP, 1x HDMI -4x USB3.0, 2x USB2.0 -1x Audio (LINE-IN/LINE-OUT/MIC-IN) -2x Gigabit Ethernet
Expansion	-1x PCIe x16 (Gen3) -1x PCIe x1 (Gen2) -2x PCI
Power Input	100V~240V AC, Full Range
Dimension	330 x 281.2 x 150 mm
Weight	10.2Kg
Operating Temperature	0~50 °C

Key Benefits

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

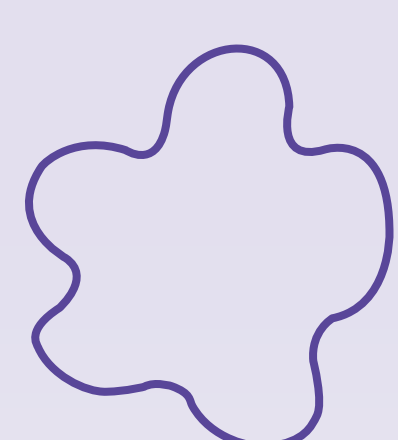
API: Application Programming Interface

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



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