

RS4U-1703-IAC

Powerful, Durable & Reliable
Japan design & Made-In-Taiwan

Node System for Industrial Automation & Control Targeting
Industrial Automation Control

Key Features

- Skylake-S Desktop platform
- Japan Design & MIT quality
- Integrated I210 GbE x2 with EtherCAT optional
3rd party driver support
- Four DIMM slots, up to 64GB memory support
- API function control by Super IO
- Support 2x PCIe x16 slot with 16 lanes

Specification

Chassis	IRC-307
PSU	400W, Delta DPS-400AB
Storage	DVD-RW
M/B	RUBY-SQ1703, w/i7-6700 CPU, 8GB DDR4 memory
Operating System	N/A
Operating Temperature	0~50 °C

Memory

DDR4 R-DIMM		
B473F860	8GB	(GP) DDR4 R-DIMM DRAM Module 8GB DDR4-2133, 1.2V, 512x8. SK Hynix

EtherCAT & CANbus

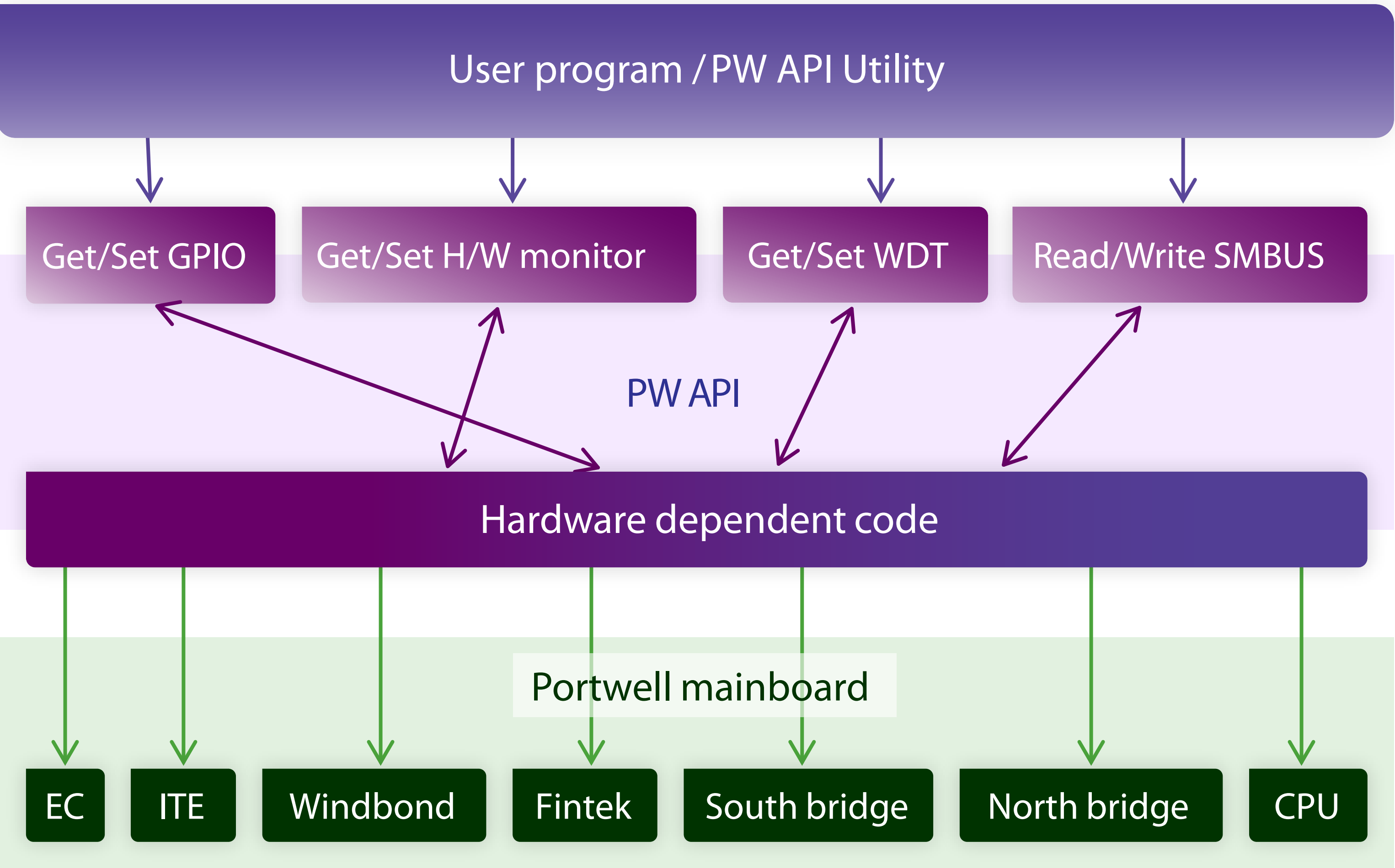
Model	FC1100	GC-CAN-PCI	CAN-PCI/266	CAN-PCIe/400	CAN-PCIe/402	LPE-C122	CAN-PCIe-01
Interface	PCI	PCI	PCI	PCIe x1	PCIe x1	PCIe x1	PCIe x1
Application	EtherCAT	CANbus	CANbus	CANbus	CANbus	CANbus	CANbus

Key Benefits

- Desktop platform
- Higher quality Industrial PC
- EtherCAT optional support available
- 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