

S35W3 / S35W3DX

Intel Core 3 Processor 304 Fanless Embedded Computer

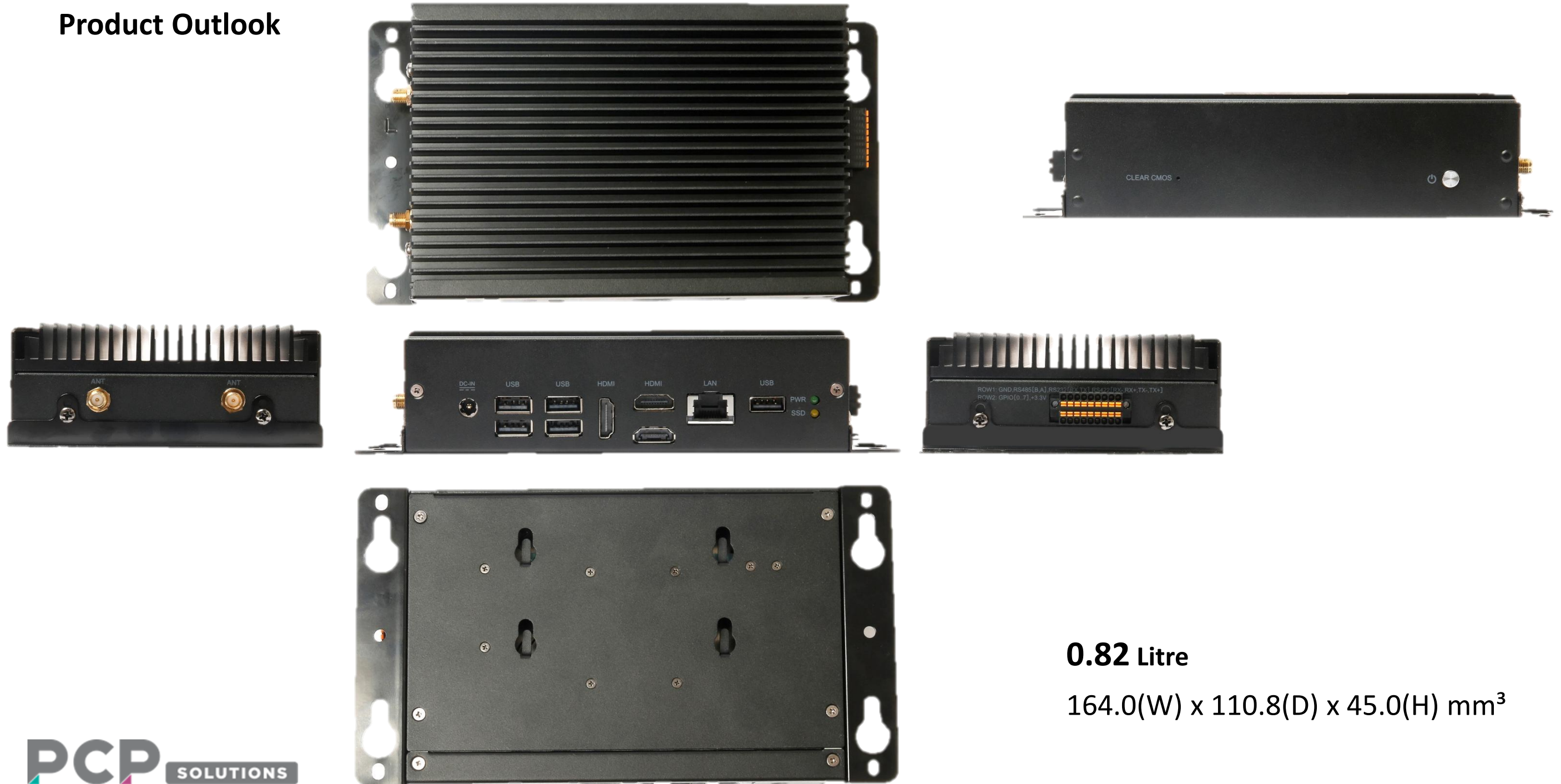


0.82 Litre

164.0(W) x 110.8(D) x 45.0(H) mm³

S35W3 / S35W3DX

Product Outlook



0.82 Litre

164.0(W) x 110.8(D) x 45.0(H) mm³

S35W3 / S35W3DX

Specification

- **S35W3** is a rugged embedded computing system based on 3.5" SBC form factor, powered by **Intel Core 3 Processor 304** (formerly Wildcat Lake)
- Triple HDMI display outputs
- Most I/O ports are concentrated on one side of the housing for easy cable installation.
- Legacy connectivity: RS232, RS422, RS485, GPIO on the 2x9 pos terminal block
- Long product supply life-cycle
- Integrated 15 TOPS NPU
- Optional DeepX DX-M1 M.2 NPU module providing additional 25 AI TOPS (**S35W3DX** series)



Specification	
Processor	Intel Core 3 Processor 304, 5-core, max 4.3Ghz (Embedded)
Integrated GPU	Intel Graphics, max 2.3GHz, 9 TOPS
Integrated NPU	15 TOPS, supports OpenVINO, WindowsML, WebNN, ONNX RT
Discrete NPU	DeepX DX-M1 M.2 module (25 TOPS) (S35W3DX model)
System memory	1 x DDR5-6400 SO-DIMM slot, max 64GB
OS Storage	2 x M.2 2280 NVMe Gen4 2-lane socket
Video-out	3 x HDMI 2.0 output
Hi-Speed IO	2 x USB 3.2 Type A, 3 x USB 2.0
Legacy IO	Multi IO port: RS-232/485/422, 8xGPIO, 3.3V, GND
Networking	1 x 2.5Gigabit LAN Intel WiFi 7, Bluetooth 5.4
Battery	CR2032 RTC battery
Dimension	Dimension: 164(W) x 110.8(D) x 45(H) mm ³ , 0.82L
Op. Temperature	Operating temperature: -20°C ~ +45°C (main unit)
Power Input	DC DC 9 ~ 36V
OS Support	Windows 11, Ubuntu Linux
Others	Clear CMOS button, Power LED, SSD LED