



Empowering Smart Embedded Systems

ATX BOARD

**RUBY-D814-Q870**

Intel® Core™ Ultra
(Series 2)

- 4x DDR5 5600MHz UDIMMs, 192 GB
- Dual 2.5GbE + 1x GbE LAN
- 2x PCIe Gen5 x16, M.2 & PCI expansion
- 6x COM, USB 3.2 & SATA III connectivity

MINI ITX BOARD

**WADE-8214-Q870**

Intel® Core™ Ultra
9/7/5 (Series 2)

- Dual DDR5 SO-DIMMs up to 96GB
- Dual GbE + 2.5GbE LAN
- PCIe Gen5 x16 & M.2 expansion
- 5x COM, USB 3.2 & SATA III connectivity

NANO ITX BOARD

**NANO-6065**

Intel® Core™ N-Series /
Atom® x7000RE Series

- DDR5 4800MHz SO-DIMM up to 16GB
- Dual 2.5GbE, USB 3.2 & rich I/O
- M.2 Key E & Key B expansion
- AI-ready with Intel® GNA & TPM 2.0

PICO-ITX BOARD

**PICO-8021**

Intel® N150, Intel
Atom® x7433RE/x7211RE

- LPDDR5 onboard up to 16GB
- Dual GbE LAN & USB 3.2 Gen2
- M.2 Key M expansion
- TPM 2.0 & industrial I/O

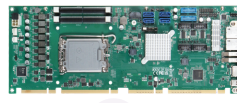
SINGLE BOARD COMPUTER

**PEB-2775**

Intel® Core™ N/ Atom®
x7000RE Series

- DDR5 SO-DIMM up to 16GB
- Triple LAN (2x 2.5GbE + 1x GbE)
- HDMI, USB-C DP & LVDS display
- Triple M.2 expansion & SATA III

PICMG 1.3 SBC

**ROBO-8117G2AR**

Intel® Core™ Ultra
(Series 2)

- Dual DDR5 ECC SO-DIMMs up to 96GB
- Dual 2.5GbE LAN
- PCIe Gen5 expansion
- Dual HDMI & MiniDP

CAN'T FIND EXACTLY WHAT YOU NEED?

Let's build it together.

Portwell's **Design & Manufacturing Services (DMS)** delivers custom boards & modules tailored to your requirements.

- ✓ Custom Board Design
- ✓ Hardware & Firmware
- ✓ BIOS / BSP Support
- ✓ Prototyping & Validation
- ✓ System Integration
- ✓ Testing & Certification
- ✓ Manufacturing & Lifecycle Support

SCAN
ME



European Portwell Technology B.V.

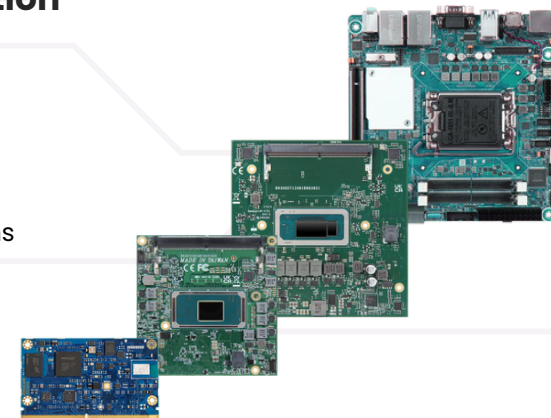
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BOARDS & MODULES

Powering Next-Generation
Embedded Computing

- ✓ Industrial-grade reliability
- ✓ Wide temperature support
- ✓ Intel® / AMD® / ARM® platforms
- ✓ Rich I/O
- ✓ Long lifecycle



COM-HPC CLIENT MODULE

PCOM-B883

Intel® Core™ 12th / 13th Gen H/P/U Series

- 13th/12th Gen Intel® Core™
- Up to 64GB Dual-channel DDR5
- 2x USB4, 2x USB3.2 Gen 2, 8x USB2.0
- Wide Temperature 0°C to 60°C

PCOM-B886

Intel® Core™ Ultra 200H/200U Series

- COM-HPC Client Type Size B
- Up to 96GB DDR5
- 2x USB4, 2x USB3.2 Gen2, and multiple display
- Wide Temperature 0 ~ 60 °C

PCOM-B887

Intel® Core™ Ultra (Arrow Lake-S)

- COM-HPC® Client Type, Size C
- NPU for dedicated AI acceleration
- 4x DDR5 4800 MT/s up to 192GB
- Wide Temperature 0 ~ 60 °C

COME TYPE 7 BASIC (125 X 95 MM)

PCOM-B701GT

Intel® Denverton CPU

- Atom® C3000 Refresh series
- 3x DDR4 SODIMMs up to 96GB
- Wide temperature -40°C ~ 85°C
- Up to 4x 10GbE KR ports

PCOM-B706GT

AMD® Embedded Ryzen™ CPU

- AMD® Ryzen™ V3000 series
- 2x DDR5 SODIMMs up to 96GB
- Wide temperature -40°C ~ 85°C
- Up to 2x 10GbE KR ports

PCOM-B707GT

Intel® Ice Lake D Refresh CPU

- Xeon® D-1700 and D-1800 series
- 2x DDR4 SODIMMs up to 64GB
- Wide temperature -40°C ~ 85°C
- Up to 4x 10GbE KR ports

COME TYPE 6 BASIC (125 X 95 MM)

PCOM-B657VGL

Intel® Tiger Lake CPU

- 11th Gen Core™ H series
- 2x DDR4 SODIMMs up to 64GB
- Wide temperature -40°C ~ 85°C

PCOM-B658VGL

Intel® Raptor Lake CPU

- 13th Gen Core™ H series
- 2x DDR5 SODIMMs up to 128GB
- Wide temperature -40°C ~ 85°C
- PCIe NVMe SSD (optional)

PCOM-B65A

Intel® Arrow Lake CPU

- Core™ Ultra series 2 U/H
- 2x DDR5 SODIMMs up to 128GB
- PCIe NVMe SSD (optional)

COME TYPE 6 COMPACT (95 X 95 MM)

PCOM-B65B

Intel® Panther Lake CPU

- Core™ Ultra series 3
- 2x DDR5 SODIMMs up to 128GB
- PCIe NVMe SSD (optional)

PCOM-B65C

AMD® Embedded Ryzen™ CPU

- AMD® Ryzen™ 8000 series
- 2x DDR5 SODIMMs up to 96GB
- PCIe NVMe SSD (optional)

PCOM-B65F

Intel® New Gen Core ultra processor

- Intel® Core Ultra X9 386H, X7 356H, Core Ultra 5 336H
- 2x DDR5 SO-DIMM up to 128GB/7200 MT/s
- 20 PCIe Gen4 Lane

Type 10 Mini (84 x 55 mm)

PCOM-BA02

Intel Atom® Processor x6000 Series

- LPDDR4 memory up to 8GB
- Dual 2.5GbE with TSN/TCC support
- 4K display support
- PCIe Gen3, USB 3.2 & SATA III

Type 10 Mini (84 x 55 mm)

PCOM-BA03

Intel® Amston Lake / Twin Lake CPU

- Atom® x7000RE and Processor N
- LPDDR5 up to 16GB
- Wide temperature -40°C ~ 85°C
- eMMC 5.1 up to 256GB

Type 6 Compact (94 x 95 mm)

PCOM-B646

Intel® Amston Lake / Twin Lake CPU

- Atom® x7000RE and Processor N
- DDR5 SODIMM up to 32GB
- Wide temperature -40°C ~ 85°C
- MIPI-CSI and CAN bus (optional)

SMARC MODULE

PCOM-BC00

Intel® Atom® x7000RE / Core™ N-Series

- LPDDR5 memory & eMMC storage
- Dual 2.5GbE LAN connectivity
- SMARC® 2.2 form factor
- Low-power design for edge AI & IoT

SMARCORE IQ6

Qualcomm Dragonwing™ IQ-615

- LPDDR4X memory up to 8GB
- Adreno GPU with 4K video support
- 1x GbE, USB 3 & PCIe Gen2
- DP, DSI, eDP, HDMI & LVDS
- Wide temperature: -40°C to 85°C

SMARCORE HAILO-15

HAILO-15™ AI Vision Processor

- LPDDR4 memory up to 4GB
- Up to 20 TOPS AI performance
- 1x GbE, USB 3 & PCIe Gen3
- Designed for AI Vision applications