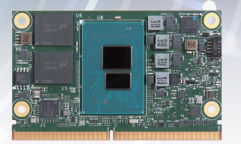
Portwell

Portwell Computer-on-Module Offering

SMARC (82 x 50 mm)

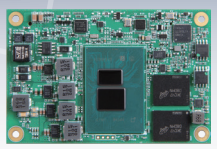


PCOM-BC00

SMARC module with 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

COMe Type 10 Mini (84 x 55 mm)

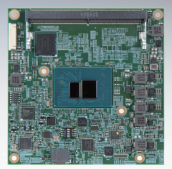


PCOM-BA03

COM-Express module with Intel® Amston Lake / Twin Lake CPU

- Atom® x7000RE and Processor N
- LPDDR5 up to 16GB
- Wide temperature -40°C ~ 85°C
- Wide input voltage 4.75V to 20V

COMe Type 6 Compact (95 x 95 mm)

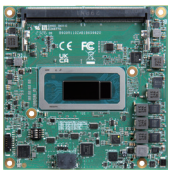


PCOM-B646

COM-Express module with Intel® Amston Lake / Twin Lake CPU

- Atom® x7000RE and Processor N
- DDR5 SODIMM up to 64GB
- Wide temperature -40°C ~ 85°C
- MIPI-CSI and CAN bus (optional)

COMe Type 6 Compact (95 x 95 mm)



PCOM-B659

COM-Express module with Intel® Raptor Lake CPU

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



PCOM-B65B

COM-Express module with Intel® Panther Lake CPU

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

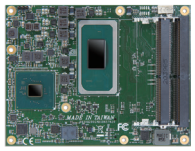


PCOM-B65C

COM-Express module with AMD® Embedded Ryzen™ CPU

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

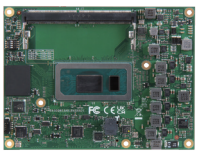
COMe Type 6 Basic (125 x 95 mm)



PCOM-B657

COM-Express module with Intel® Tiger Lake CPU

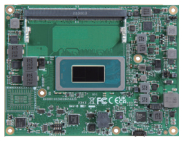
- 11th Gen Core™ H series
- 2x DDR4 SODIMMs up to 64GB
- Wide temperature -40°C ~ 85°C



PCOM-B658

COM-Express module with 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

COM-Express module with Intel® Arrow Lake CPU

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

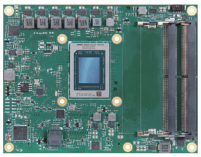
COMe Type 7 Basic (125 x 95 mm)



PCOM-B701

COM-Express module with 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-B706

COM-Express module with 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

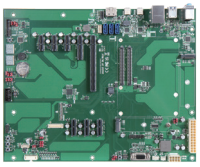


PCOM-B707

COM-Express module with 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

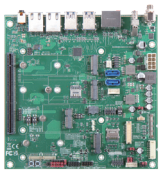
Evaluation Carrier Board



PCOM-C60F

ATX size carrier board for COM Express Type 6 module

- 2x USB Type-C port (USB4 & DDI)
- PEG x16, PCIe x4, M.2 M-key, 2.5G RJ45



PCOM-C605R

Mini-ITX size carrier board for COM Express Type 6 module

- 2x USB 3.2 Gen2, 2x SATA, 2x 2.5GbE
- 3x DP, 1x VGA, 1x LVDS, 1x eDP
- M.2 M/B/E key and PCIe slot



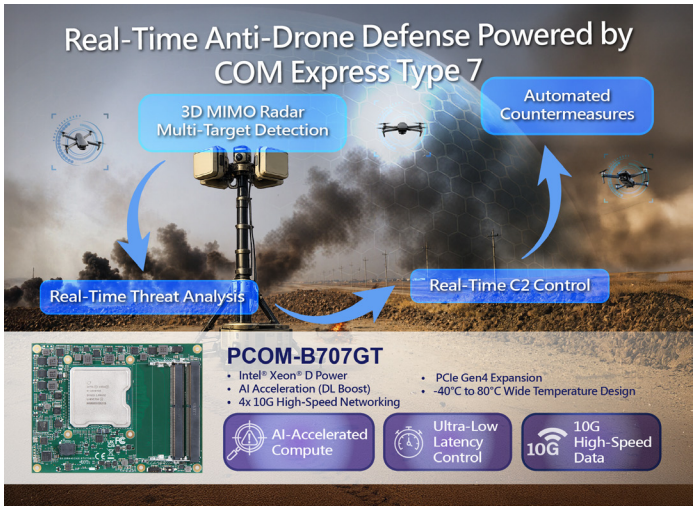
PCOM-CC01

Micro ATX size carrier board for SMARC module

- 1x HDMI®, 1x DP++ / USB Type C Display, 1x LVDS / eDP
- Power consumption measurement
- M.2 Key M 2242/2280 up to PCIe x4
- 2x MIPI-CSI, 2ch + 4ch

Computer-on-Module Application

Anti-Drone Defense



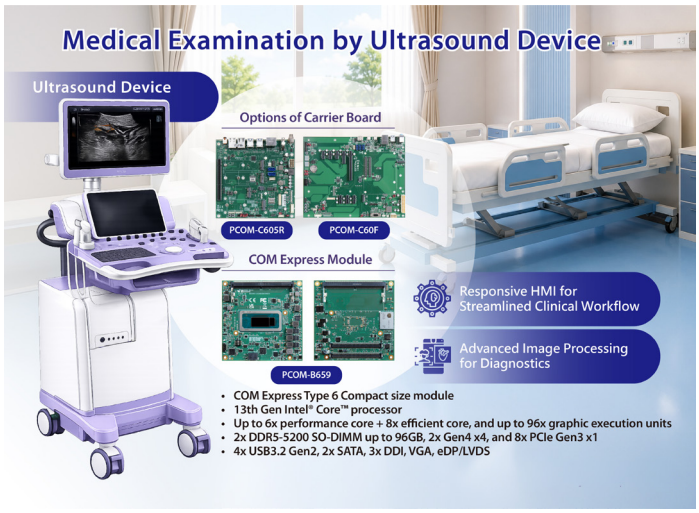
Long-Range Wireless Infrastructure



Unmanned Handling Robot



Medical Examination by Ultrasound Device



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