

PCOM-B800GT



COM-HPC Server Type Size E

- Intel® Xeon® D-2700 Processors for Edge IoT Computing
- AI/Deep Learning Accelerate Data Analytics with Intel® AVX-512 and VNNI
- 8x 10G KR, 4x USB2.0/3.2 Gen 2x1, 2x SATAIII, 2x UART
- 8x DIMM Slots Design and Maximum 1024GB Memory Support
- Selected SKUs Supported -40°C to 80 °C for Extended Temperature Application



PCOM-B885VG2



COM-HPC Client Type Size C

- Intel® 13th/14th Gen Core™ S Series Processor (35w/65w)
- DDR5 SO-DIMM up to 128GB 3600 MT/s (ECC)
- Support 4 independent displays via 3x DDI / eDP
- PCIe Gen5 and USB 3.2 Gen2 x2
- Support on board TPM 2.0



Box PC

WEBS-45J1/J3



Mini-ITX Fanless System

- 12th/13th/14th Generation Intel® Core™ i3/i5/i7/i9 processors
- DDR5 Non-ECC SO-DIMM up to 64GB 4800 MT/s
- Two PCIe expansion slots for various options(Networking)
- Support 3x DP and 1x HDMI display
- Multiple expansions with one M.2 E Key and one M.2 M Key



WEBS-21J0



Nano-ITX Fanless System

- Support low power Intel Atom® X7000E and high performance Intel® Core™ i3 N-Series SoC
- DDR4 Non-ECC SO-DIMM 16GB 3200 MT/s
- One DP and one HDMI display
- Support one M.2 E key, One M.2 B key socket
- One Antenna hole for WiFi module to usage



Panel PC

FUDA3-S1222



Fan-less Touch Panel PC

- A Rugged Fan-less and Cable-less Touch Panel PC
- Industrial panel display from 10.4" to 15" (4:3)
- Available for both Resistive single touch screen and P-CAP multi-touch screen
- Wide Operating Temperature Support with Fan-less Design (-25°C to 60°C)
- Wide DC 12~24V Input
- Support Panel mount and VESA mount



Universal Product Collection

Early Access, Early Success

Processor Families	TDP(Watts)	Intel® Introduction Date	Sales Embargo Date	PW Product T2M Models
Intel® Core™ Raptor Lake S Refresh	35-65W	Jan 2024	Q1 2024	<ul style="list-style-type: none"> • PCOM-B885 • ROBO-8116-R • WADE-8213 • RUBY-D813 • WEBS-45J1/J3
Intel® Core™ Meteor Lake U,H	15-45W	Dec 14 th , 2023	- H Series - Dec 14 th , 2023 - U Series - Q1 2024	<ul style="list-style-type: none"> • PCOM-B65A
Intel Atom® Amston Lake	6-12W	Q2 2024	Q2 2024	<ul style="list-style-type: none"> • PCOM-BA03 • NANO-6064-ASL • PCOM-B646



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ROBO-8116G2AR



PICMG 1.3

- Supports 12th/13th/14th Gen Intel® Core™ processors Family in LGA 1700 package
- Delivers up to 64GB maximum DDR5 5600 MT/s (1Rank) ECC/Non-ECC SODIMM on two sockets
- Supports multiple display by DVI-D, DP and HDMI
- High speed dual 2.5GbE based on PCI express x 1, high bandwidth I/O interface
- Support two USB 3.2(Gen2) & one USB 3.2(Gen2 x2) type-C port on bracket
- Support on board TPM2.0 and M.2 Type M 2280



RUBY-D813-H610E



ATX

- Supports 12th/13th/14th Gen Intel® Core™ processors Family in LGA 1700 package
- Two Long-DIMM support DDR4 Non-ECC DRAM up to 64GB
- Support dual Ethernet, 6x COM Ports, 4x USB 3.2 Ports, 4x SATA III Ports and Audio
- Two PCIe x16 slot(1x PCIe x4 signal), one PCIe x1 slot, four PCI slots and one M.2 (Type M) type 2242/2260/2280



WADE-8213-Q670E



Mini-ITX

- Support 12th/13th/14th Gen Intel® Core™ i9/i7/i5/i3 Processors Family in LGA 1700 package
- Delivers up to 64GB maximum DDR5 5600 MT/s (1Rank) ECC/Non-ECC SODIMM on two sockets
- Support dual Ethernets, 5x COM ports, 3x USB 3.2 Gen2 ports and 4x SATA III ports and Audio
- Support one PCIe x16(Gen5), one M.2 Key E 2230 with PCIe x1 and CNVI for Wireless, one M.2 Key M 2242/2260/2280 with PCIe x4 and SATA3 for SSD



NANO-6064-ASL



Nano-ITX

- Intel Atom® x7000 Series SoC & Intel® i3 N-Series SoC
- DDR4 SO-DIMM up to 16GB 3200 MT/s with in-band ECC
- Support multiple displays via HDMI, DP, LVDS
- High speed I/O with dual 2.5GbE and four USB 3.2
- Multiple expansions with M.2 E Key and B Key
- Support industrial temperature -40°C to 85°C
- Support on board TPM 2.0



PCOM-B65A



Type 6 Basic Module

- Intel® New Gen Core™ Ultra Series Processor (15w-45w)
- DDR5 SO-DIMM up to 96GB 5600 MT/s (non-ECC)
- Support 4 independent displays via 3x DDI / eDP(LVDS) / VGA
- Heat-pipe style cooling solution
- New integrated NPU for dedicated AI acceleration
- Support on board TPM 2.0



PCOM-B646



Type 6 Compact Module

- Intel Atom® x7000 Series SoC & Intel® i3 N-Series SoC
- DDR5 SO-DIMM up to 16GB 4800 MT/s (non-ECC)
- Support 3 independent displays via 3x DDI / eDP(LVDS) / VGA
- Support industrial temperature -40°C to 85°C (Selected SKU)
- Support CAN bus (Option)
- Support on board TPM 2.0



PCOM-BA03



Type 10 Mini Module

- Intel Atom® Processor x7000 Series (Amston Lake)
- On Board LPDDR5 SDRAM up to 16GB
- Low Power Consumption (6 to 12W), 4K Resolution
- Support wide temperature -40°C to 85°C
- Support Intel® TCC/TSN with 2.5GbE



PCOM-B701GT



Type 7 Basic Module

- Intel Atom® C3000 Processors for Networking and Edge IoT
- DDR4 1866/2133/2400 MT/s ECC up to 96GB
- 4x USB2.0/3.2, 2x SATAIII, 4x 10G KR
- Two Memory Channels with Maximum three SODIMM slots
- Selected SKUs support -40°C to 80°C Extended for Extreme Environment



PCOM-B705GT



Type 7 Basic Module

- Intel® Xeon® D-1700 Processors for Networking and Edge IoT
- Intel® Deep Learning Boost, and Time Coordinated Computing
- 4x USB2.0/3.2 Gen 2x1, 2x SATAIII, 4x 10G KR, 2x UART
- Three Memory Channels with Maximum Four SO-DIMM slots
- Selected SKUs support -40°C to 80°C Extended Temperature for Extreme Environment



PCOM-B706GT



Type 7 Basic Module

- AMD® Embedded Ryzen™ V3000 CPU featuring "Zen 3" Core™
- 2x DDR5 4800 MT/s SO-DIMM, 2x 10G KR Port
- 10W ~ 54W cTDP with -40°C to 85°C support on selected SKU
- Up to 16x PCIe Gen 4 lanes for high speed interconnection
- Optional on-module PCIe x2 NVMe storage

