

ICOM739

Industrial Wallmount/Desktop AMD EPYC 3451 System



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PRODUCT HIGHLIGHTS

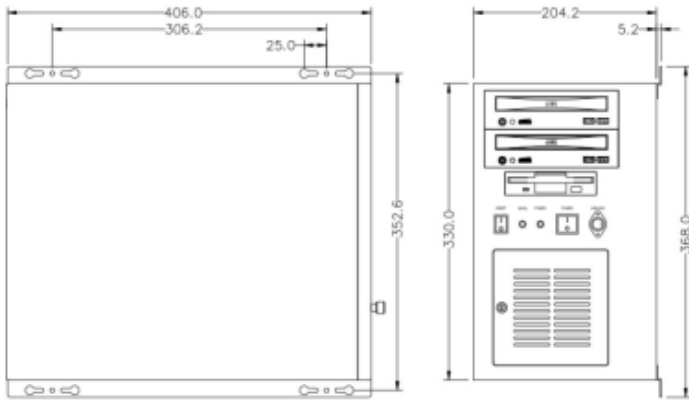
- ▶ Wallmount/Desktop ATX motherboard system
- ▶ 8 DDR4 RDIMM/UDIMM up to 256GB
- ▶ Multiple expansion: 3 PCIe x16 (up to 6 PCIe x8), 1 PCI, 1 M.2 M Key (PCIe x4 NVMe), 1 M.2 M Key (SATA/PCIe x2 NVMe)
- ▶ Rich I/O: 2 COM, 8 USB 3.1 Gen 1
- ▶ Extended Life Cycle Support Until Q1' 31 (Based on AMD roadmap)
- ▶ 12cm ball-bearing fan with replaceable filter



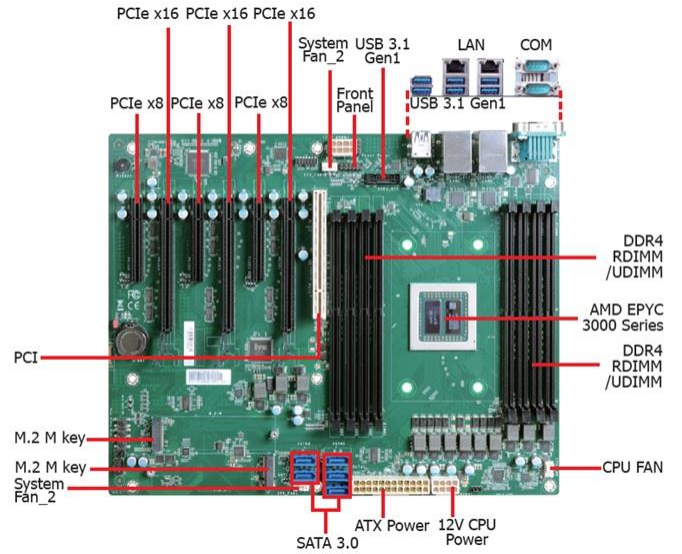
TECHNICAL INFORMATION

PROCESSOR	AMD® EPYC™ Embedded 3451, 16 Core, 32 Threads, 2.14GHz (3GHz), 80-100W
MEMORY	8 DDR4 RDIMM/UDIMM up to 256GB
BIOS	Insyde
STORAGE	2x external 5.25" 1x external 3.5" 1x internal 3.5" drive bays 5 x SATA 3.0 RAID 0/1 1 x M.2 M Key (PCIe x4 NVMe) 1 x M.2 M Key (SATA/PCIe x2 NVMe) Optional removable hard disk drives or solid state disks
OPTICAL	DVD±RW (±R DL) / DVD-RAM drive
WATCHDOG TIMER	Programmable via S/W from 1 sec. to 255 sec.
EXPANSION SLOTS	3 x PCIe x16 (up to 6 PCIe x8) 1 x PCI 1 x M.2 M Key (PCIe x4 NVMe) 1 x M.2 M Key (SATA/PCIe x2 NVMe)
POWER SUPPLY OPTIONS	400W ~ 600W 90~250VAC DC 12~48V Redundant Power Supplies
AUDIO	N/A
ETHERNET	2 x Intel® I210AT
OPERATING SYSTEMS SUPPORTED	Windows 10 64-bit Windows Server 2019 Linux
DISPLAY	N/A
MULTI-DISPLAY OUTPUTS	N/A
REAR I/O PORTS	2 x GbE (RJ-45) 1 x RS-232/422/485 (RS-232 w/power (DB-9) 1 x RS-232 (DB-9) 6 x USB 3.1 Gen 1
OPTIONAL PORT EXPANSION FROM MOTHERBOARD	2 x USB 3.1 Gen 1
FRONT CHASSIS CONNECTORS	PS/2 keyboard connector in front panel Optional USB ports
DRIVE BAYS	2x external 5.25" 1x external 3.5" 1x internal 3.5"
MOTHERBOARD MTBF	TBD
COLOUR	Black (all other optional colours are available upon request)
DIMENSIONS:	330 x 406 x 204.2 mm (13 x 16 x 8 inches)

MECHANICAL DRAWING



MOTHERBOARD DETAILS



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