

# ICOM262

## Industrial 2U Rackmount 6<sup>th</sup>/7<sup>th</sup> & Xeon System

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## PRODUCT HIGHLIGHTS

- ▶ 2U 19" 20.80" Deep Rackmount system with 7 x low profile expansion slots
- ▶ Life Cycle Support Until Q2 2025
- ▶ Industrial motherboard based solution
- ▶ Supports Intel 6th/7th Gen & Xeon® with Intel® C236 chipset
- ▶ 4 DDR4 ECC/Non-ECC DIMM up to 64GB
- ▶ Motherboard expansion slots: 2 PCIe x16, 2 PCIe x4, 3 PCI
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 6 USB 3.0, 8 USB 2.0
- ▶ Supports 3 independent displays: VGA + DVI-I (DVI-D signal) + HDMI



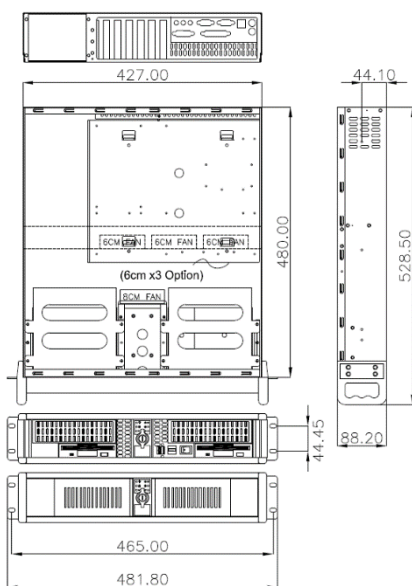
## TECHNICAL INFORMATION

|                                    |                                                                                                                                                                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROCESSOR</b>                   | 6 <sup>th</sup> /7 <sup>th</sup> Generation Intel® Xeon®/Core™/Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 95W                                                                                                       |
| <b>CHIPSET</b>                     | Intel® C236 Chipset                                                                                                                                                                                                                  |
| <b>MEMORY</b>                      | Four 288-pin ECC/Non-ECC DIMM up to 64GB<br>Dual Channel DDR4 2133/2400MHz<br>(Note: Core i5/i7 only support Non-ECC)                                                                                                                |
| <b>BIOS</b>                        | SPI 128Mbit                                                                                                                                                                                                                          |
| <b>STORAGE</b>                     | Supports 2x 5.25" SATA drive bays & 2 x 3.5" drive bays<br>Supports 6 x SATA3.0 & RAID 0/1/5/10<br>Optional removable hard disk drives or solid state disks                                                                          |
| <b>OPTICAL</b>                     | DVD±RW (±R DL) / DVD-RAM drive                                                                                                                                                                                                       |
| <b>WATCHDOG TIMER</b>              | Programmable via S/W from 1 sec. to 255 sec.                                                                                                                                                                                         |
| <b>EXPANSION SLOTS</b>             | Chassis supports 7 x low profile chassis expansion slots<br>Motherboard expansion slots: 2 x PCIe x16 (Gen 3) (1 x16 signal or 2 x8 signals), 2 x PCIe x4 (Gen 3), 3 x PCI                                                           |
| <b>POWER SUPPLY OPTIONS</b>        | 400W ~ 600W<br>90~250VAC<br>DC 12~48V<br>Redundant Power Supplies                                                                                                                                                                    |
| <b>AUDIO</b>                       | Realtek ALC888S-VD2-GR                                                                                                                                                                                                               |
| <b>ETHERNET</b>                    | 1 x Intel® I210AT PCIe (10/100/1000Mbps)<br>1 x Intel® I219LM PCIe with iAMT11.0 (10/100/1000Mbps)<br>(only Xeon/Core i7/i5 supports iAMT)                                                                                           |
| <b>OPERATING SYSTEMS SUPPORTED</b> | Windows 10 64-bit<br>Windows 7 32/64-bit<br>Windows 8.1 64-bit<br>Linux<br>(Note: 7 <sup>th</sup> Gen CPUs only support Windows 10 64-bit & Linux)                                                                                   |
| <b>DISPLAY</b>                     | 1 x VGA<br>1 x DVI-I (DVI-D signal)<br>1 x HDMI<br>VGA: resolution up to 1920x1200 @ 60Hz<br>DVI-I: resolution up to 1920x1200 @ 60Hz<br>HDMI: resolution up to 4096x2160 @ 24Hz                                                     |
| <b>MULTI-DISPLAY OUTPUTS</b>       | Supports Triple Displays:<br>VGA + DVI-I (DVI-D signal) + HDMI                                                                                                                                                                       |
| <b>REAR I/O PORTS</b>              | 2 x GbE (RJ-45)<br>1 x RS-232/422/485 (RS-232 w/power (DB-9)<br>4 x USB 3.0<br>2 x USB 2.0<br>1 x PS/2 (mini-DIN-6)<br>1 x VGA<br>1 x DVI-I (DVI-D signal)<br>1 x HDMI<br>1 x Line-out, 1 x Mic-in, 1 x Line-in (opt., MOQ required) |

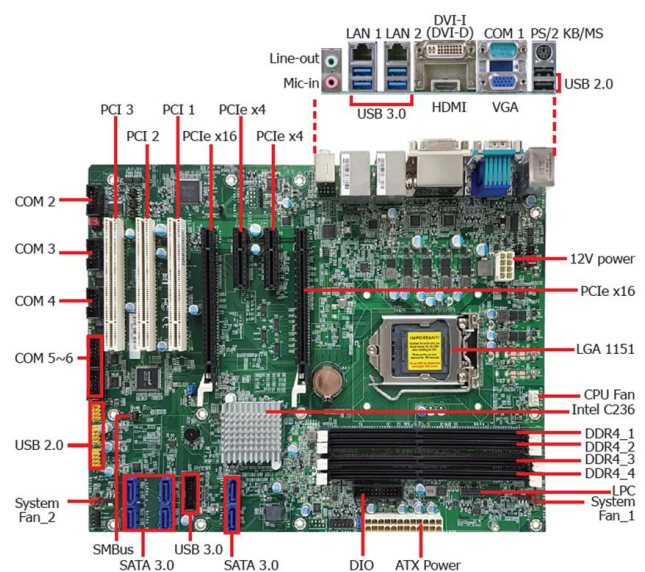
## TECHNICAL INFORMATION (CONTINUED)

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|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OPTIONAL PORT EXPANSION FROM MOTHERBOARD</b> | 1 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch)<br>4 x RS-232 (2.54mm pitch)<br>2 x USB 3.0 (2.00mm pitch)<br>6 x USB 2.0 (2.54mm pitch) or<br>4 x USB 2.0 (2.54mm pitch) + 1 x Vertical USB 2.0 (type A) (opt., MOQ required) |
| <b>FRONT CHASSIS CONNECTORS</b>                 | 2 x USB                                                                                                                                                                                                                            |
| <b>DRIVE BAYS</b>                               | 2x 5.25" SATA<br>2 x 3.5" drive bays                                                                                                                                                                                               |
| <b>MOTHERBOARD MTBF</b>                         | 367,369 hrs @ 25°C; 208,834 hrs @ 45°C; 131,021 hrs @ 60°C<br>Calculation Model: Telcordia Issue 2, Method Case 3<br>Environment: GB, GC – Ground Benign, Controlled                                                               |
| <b>ENVIRONMENT</b>                              | Operating: 0 to 60°C<br>Storage: -30 to 60°C with RTC Battery; -40 to 85°C without RTC Battery                                                                                                                                     |
| <b>COOLING</b>                                  | 2x replaceable air filters<br>1x 8cm cooling fan<br>3x 6cm optional cooling fans                                                                                                                                                   |
| <b>COLOUR</b>                                   | Black (all other optional colours are available upon request)                                                                                                                                                                      |
| <b>DIMENSIONS:</b>                              | 482.6 (W) x 528.3 (D) x 88.9 (H); 19" (W) x 20.8 (D) x 3.5" (H)                                                                                                                                                                    |

## MECHANICAL DRAWING



## MOTHERBOARD DETAILS



## Company Address

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