

ICOM722

Industrial mATX Wallmount/Desktop Xeon 6/7th Gen System



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PRODUCT HIGHLIGHTS

- ▶ Wallmount/Desktop mATX motherboard system
- ▶ Intel Xeon & 6th/7th Gen Intel® Core™ with Intel® C236
- ▶ 4 DDR4 ECC/Non-ECC DIMM up to 64GB
- ▶ Multiple expansion: 2 PCIe x16, 2 PCIe x4
- ▶ 3 independent displays: VGA + DVI-I + DP++
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 8 USB 3.0, 6 USB 2.0
- ▶ 15-Year CPU Life Cycle Support Until Q3' 30 (Based on Intel IOTG Roadmap)
- ▶ 1 x 5.25" and 2 x internal 3.5" drive bays



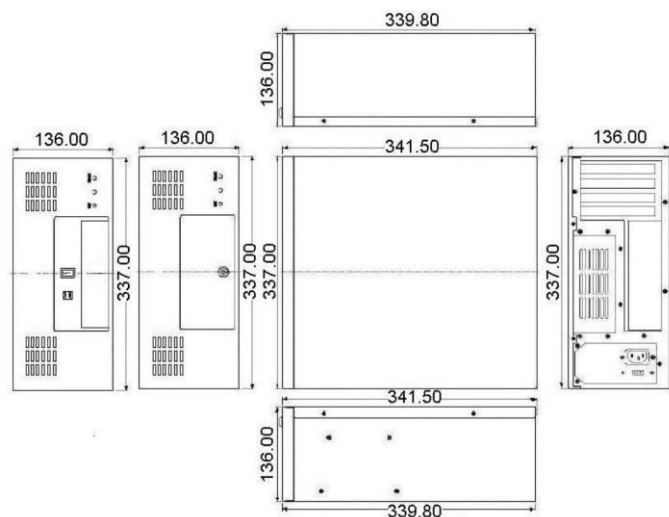
TECHNICAL INFORMATION

PROCESSOR	6th/7th Generation Intel® Xeon / Core™ / Pentium® / Celeron® LGA 1151 Socket Processors with TDP up to 95W
CHIPSET	Intel® C236 Chipset
MEMORY	Four 288-pin ECC/Non-ECC DIMM up to 64GB Dual Channel DDR4 1866/2133MHz (Note: Core i5/i7 only support Non-ECC)
BIOS	Insyde SPI 128Mbit
STORAGE	1x external 5.25" 2x internal 3.5" drive bays Supports 6 x SATA 3.0 Supports RAID 0/1/5/10 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	2 x PCIe x16 (1 x16 or 2 x8 signal) (Gen 3) 2 x PCIe x4 (Gen 3)
POWER SUPPLY	400w SFX Industrial 100,000 MTBF power supply
AUDIO	Realtek ALC888S-VD2-GR
ETHERNET	1 x Intel® I211AT PCIe (10/100/1000Mbps) 1 x Intel® I219V PCIe
OPERATING SYSTEMS SUPPORTED	Windows 7 32/64-bit Window 8.1 64-bit Windows 10 64-bit Linux Note: 7th Gen CPU SKU ONLY support Windows 10 64-bit & Linux.
DISPLAY	1 x VGA 1 x DVI-I (DVI-D signal) 1 x DP++ VGA: resolution up to 1920x1200 @ 60Hz DVI-I: resolution up to 1920x1200 @ 60Hz DP++: resolution up to 4096x2160 @ 60Hz
MULTI-DISPLAY OUTPUTS	Supports Triple Displays: VGA + DVI-I (DVI-D signal) + DP++
REAR I/O PORTS	2 x GbE (RJ-45) 1 x RS-232/422/485 (RS-232 w/power (DB-9)) 4 x USB 3.0 2 x USB 2.0 1 x PS/2 (mini-DIN-6) 1 x VGA 1 x DVI-I (DVI-D signal) 1 x DP++ 1 x Line-out, 1 x Mic-in, 1 x Line-in (opt., MOQ required)

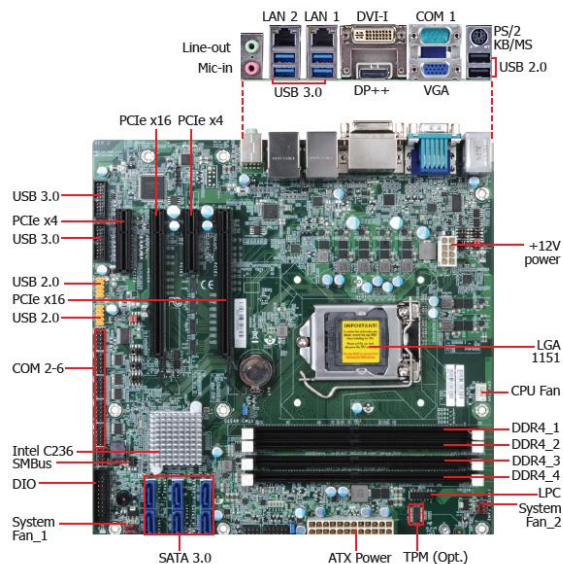
► TECHNICAL INFORMATION (CONTINUED)

OPTIONAL PORT EXPANSION FROM MOTHERBOARD	1 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch) 4 x RS-232 (2.54mm pitch) 4 x USB 3.0 (2.00mm pitch) 4 x USB 2.0 (2.54mm pitch)
FRONT CHASSIS CONNECTORS	2 x USB ports on front panel
CHASSIS CONSTRUCTION	Heavy-duty Steel 3mm aluminium front panel
DRIVE BAYS	1x external 5.25" 2x internal 3.5" drive bays
SWITCHES	Power On/Off
INDICATORS	Power On/Off HDD activity
MOTHERBOARD MTBF	374,618 hrs @ 25°C; 211,926 hrs @ 45°C; 133,291 hrs @ 60°C Calculation Model: Telcordia Issue 2, Method Case 3 Environment: GB, GC – Ground Benign, Controlled
ENVIRONMENT	Operating: 0 to 60°C Storage: -30 to 60°C with RTC Battery; -40 to 85°C without RTC Battery
COOLING	8cm ball-bearing fan
COLOUR	Black (all other optional colours are available upon request)
DIMENSIONS:	337 x 339.8 x 136 mm (13.26 x 13.4 x 5.36 inches)

► MECHANICAL DRAWING



► MOTHERBOARD DETAILS



► Company Address

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