

ICOM721

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



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PRODUCT HIGHLIGHTS

- ▶ Wallmount/Desktop mATX motherboard system
- ▶ Intel 6th/7th Gen Intel® Core™ with Intel® H110
- ▶ 2 DDR4 Non-ECC DIMM up to 32GB
- ▶ Multiple expansion: 1 PCIe x16, 1 PCIe x4, 1 LPC
- ▶ 2 independent displays: VGA + DVI-I
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 4 USB 3.0, 5 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



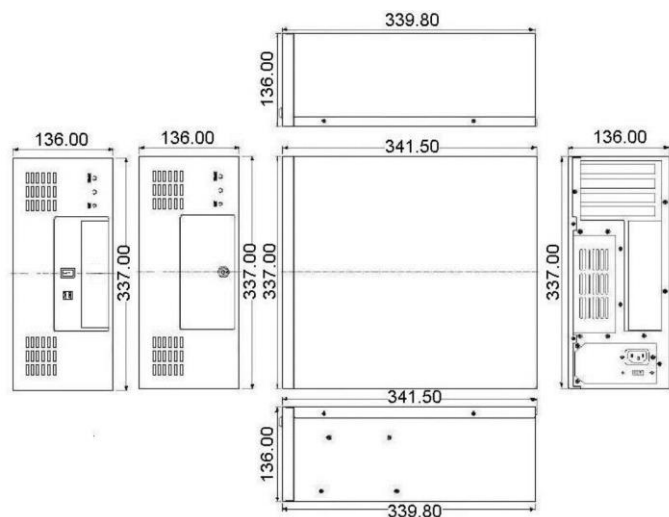
TECHNICAL INFORMATION

PROCESSOR	6 th /7 th Generation Intel® Core™/Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 95W
CHIPSET	Intel® H110 Chipset
MEMORY	Two 288-pin Non-ECC DIMM up to 32GB Dual Channel DDR4 2133/2400MHz
BIOS	Insyde SPI 128Mbit
STORAGE	1x external 5.25" 2x internal 3.5" drive bays Supports 4 x SATA3.0 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	1 x PCIe x16 (Gen 3) 1 x PCIe x4 (Gen 2) 2 x PCI
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 10 64-bit Windows 7 32/64-bit Windows 8.1 64-bit Linux (Note: 7 th Gen CPUs 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 Dual Displays: VGA + LVDS VGA + DVI-I (DVI-D signal) VGA + DP++ LVDS + DVI-I (DVI-D signal) LVDS + DP++ 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)

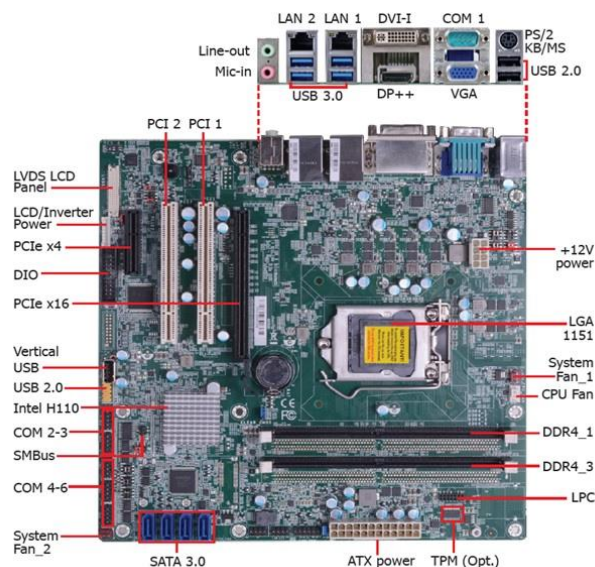
► TECHNICAL INFORMATION (CONTINUED)

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) 2 x USB 3.0 (2.00mm pitch) 1 x Vertical USB 2.0 (type A)
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	365,364 hrs @ 25°C; 207,523 hrs @ 45°C; 131,395 hrs @ 60°C Calculation Model: Telcordia Issue 2, Method Case 3 Environment: GB, GC – Ground Benign, Controlled
ENVIRONMENT	Operating: 0 to 60°C Storage: -40 to 85°C
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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