

ICOM407

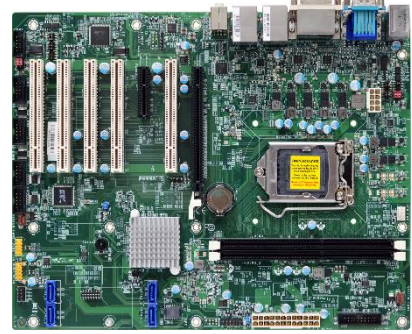
Industrial 4U Rackmount 6/7th Gen System



ICOM407

PRODUCT HIGHLIGHTS

- ▶ 4U 19" 13.7" Shallow depth Rackmount system
- ▶ Life Cycle Support Until Q2 2025
- ▶ Industrial motherboard based solution, Intel® H110 Chipset
- ▶ Supports Intel® 6th/7th Generation Core™ / Pentium® / Celeron LGA 1151 Socket Processors
- ▶ 2 DDR3L DIMM up to 16GB
- ▶ Expansion for 1 PCIe x16, 1 PCIe x4, 5 PCI
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 4 USB 3.0, 6 USB 2.0
- ▶ Front to back cooling with three system fans



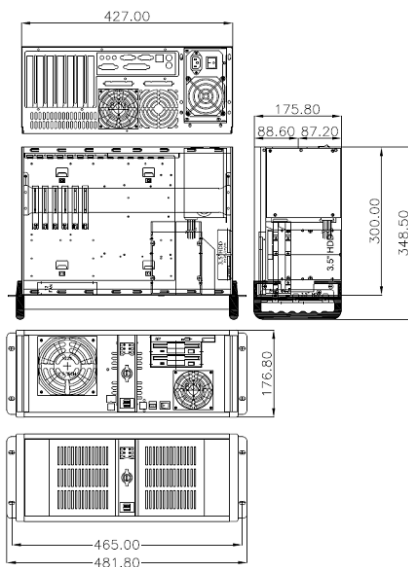
TECHNICAL INFORMATION

PROCESSOR	6 th /7 th Generation Intel® Core™ /Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 65W
CHIPSET	Intel® H110 Chipset
MEMORY	Two 240-pin DIMM up to 16GB Dual Channel DDR3L 1600MHz
BIOS	SPI 128Mbit
STORAGE	Supports 1x Slimline 5.25" drive bay & 3x 3.5" drive bays Supports 4 x SATA3.0 Optional removable hard disk drives or solid state disks
OPTICAL	Optional Slimline 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) 5 x PCI
POWER SUPPLY OPTIONS	400W ~ 600W 90~250VAC
AUDIO	Realtek ALC888S-VD2-GR
ETHERNET	1 x Intel® I211AT PCIe (10/100/1000Mbps) 1 x Intel® I219V PCIe (10/100/1000Mbps)
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 HDMI VGA: resolution up to 1920x1200 @ 60Hz DVI-I: resolution up to 1920x1200 @ 60Hz HDMI: resolution up to 4096x2160 @ 24Hz
MULTI-DISPLAY OUTPUTS	Supports Dual Displays: VGA + DVI-I (DVI-D signal) DVI-I (DVI-D signal) + HDMI VGA + HDMI

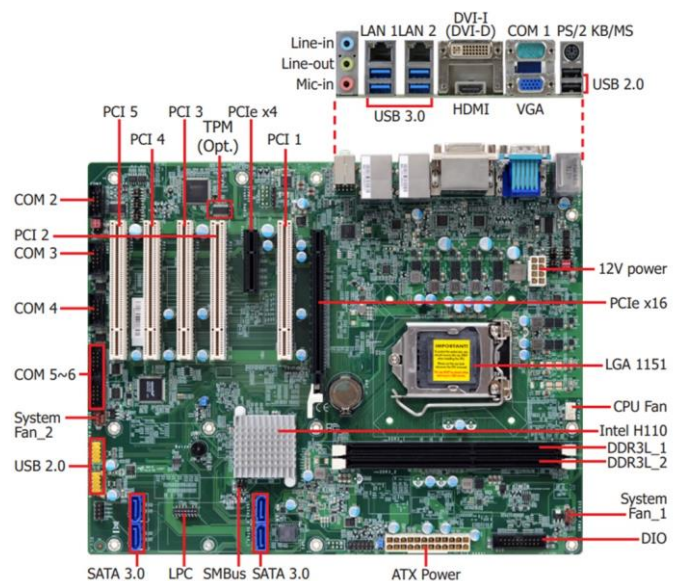
TECHNICAL INFORMATION (CONTINUED)

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 HDMI 1 x Line-out, 1 x Mic-in, 1 x Line-in (opt., MOQ required)
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 2.0 (2.54mm pitch) or 2 x USB 2.0 (2.54mm pitch) + 1 x Vertical USB 2.0 (type A) (opt., MOQ required)
FRONT CHASSIS CONNECTORS	2 x USB
DRIVE BAYS	1x Slimline 5.25" drive bay 2x 3.5" external & 1 x 3.5" internal drive bays
MOTHERBOARD MTBF	398,776 hrs @ 25°C; 231,301 hrs @ 45°C; 147,462 hrs @ 60°C Calculation Model: Telcordia Issue 2, Method Case 3 Environment: GB, GC – Ground Benign, Controlled
ENVIRONMENT	Operation Temperature: 0 °C to +50 °C continuous operation Storage Temperature: -20 °C to +70 °C Humidity: 10 % to 93 % @40 °C, non-condensing (Dependent on overall system specification)
VIBRATION	Operating: 10-150 Hz: 1G/3 axis Non-operating: 10-150 Hz: 2G/3 axis
COOLING	Removable air filter 2x80mm & 1x120mm
COLOUR	Black (all other optional colours are available upon request)
DIMENSIONS:	482.6 x 177.8 x 348.0 mm / 19.00" x 7.00" x 13.70" (W x H x D)

MECHANICAL DRAWING



MOTHERBOARD DETAILS



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