

ICOM2493

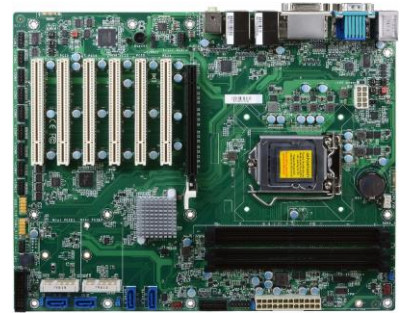
Industrial 2U Rackmount 6th/7th Gen System



ICOM2493

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 Intel® Core™ with Intel® Q170 chipset
- ▶ 4 DDR4 DIMM up to 64GB
- ▶ Motherboard expansion slots: 1 PCIe x16, 6 PCI, 1 x Mini-PCIe
- ▶ Rich I/O: 2 Intel GbE, 10 COM, 6 USB 3.0, 6 USB 2.0
- ▶ Supports 3 independent displays: VGA + DVI-I (DVI-D signal) + DP++



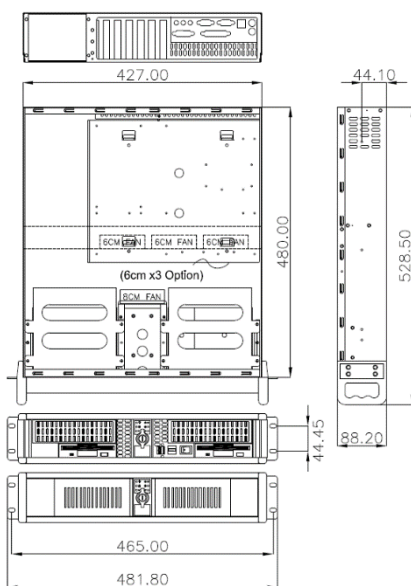
TECHNICAL INFORMATION

PROCESSOR	6 th /7 th Generation Intel® Xeon®/Core™/Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 95W
CHIPSET	Intel® Q170 Chipset
MEMORY	Four 288-pin DIMM up to 64GB Dual Channel DDR4 2133/2400MHz
BIOS	Insyde SPI 128Mbit
STORAGE	Supports 2x 5.25" SATA drive bays & 2 x 3.5" drive bays Supports 4 x SATA3.0, 1 x mSATA (co-lay with SATA4) & 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	Chassis supports 7 x low profile chassis expansion slots Motherboard expansion slots: 1 x PCIe x16, 6 x PCI 1 x Mini PCIe
POWER SUPPLY OPTIONS	400W ~ 600W 90~250VAC DC 12~48V Redundant Power Supplies
AUDIO	Realtek ALC888S-VD2-GR
ETHERNET	1 x Intel® I211AT PCIe (10/100/1000Mbps) 1 x Intel® I219LM PCIe with iAMT11.0 (10/100/1000Mbps) (only Core i7/i5 supports iAMT)
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-D: 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)

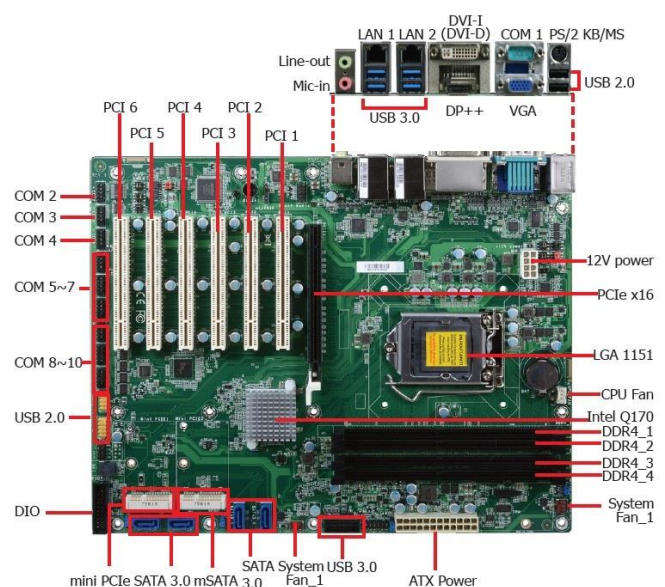
TECHNICAL INFORMATION (CONTINUED)

OPTIONAL PORT EXPANSION FROM MOTHERBOARD	1 x RS-232/422/485 (RS-232 w/ power) (2.54mm pitch) 8 x RS-232 (2.54mm pitch) 2 x USB 3.0 (2.00mm pitch) 4 x USB 2.0 (2.54mm pitch)
FRONT CHASSIS CONNECTORS	2 x USB
DRIVE BAYS	2 x 5.25" SATA 2 x 3.5" drive bays
MOTHERBOARD MTBF	489,358 hrs @ 25°C; 269,297 hrs @ 45°C; 165,958 hrs @ 60°C Calculation model: Telcordia Issue 4 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	2x replaceable air filters 1x 8cm cooling fan 3x 6cm optional cooling fans
COLOUR	Black (all other optional colours are available upon request)
DIMENSIONS:	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



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