

ICOM261

Industrial 2U Rackmount 6th/7th Gen System



ICOM261

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 processors, Intel® H110 chipset
- ▶ Two DIMM sockets supports up to 16GB DDR3L
- ▶ Motherboard expansion slots: 1 x PCIe x16, 1 x PCIe x4 and 5 x PCI
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 4 USB 3.0, 6 USB 2.0
- ▶ Supports 2 independent displays: VGA + DVI-I + HDMI



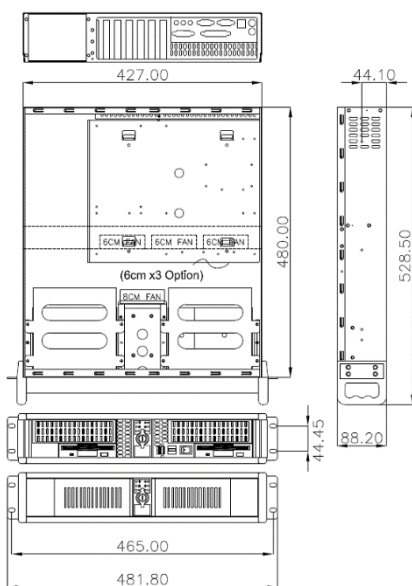
TECHNICAL INFORMATION

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 2x 5.25" SATA drive bays & 2 x 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	Chassis supports 7 x low profile chassis expansion slots Motherboard expansion slots: 1 x PCIe x16 (Gen 3), 1 x PCIe x4 (Gen 2), 5 x PCI
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® I219V PCIe (10/100/1000Mbps)
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 & Ubuntu 16.04.
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
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)

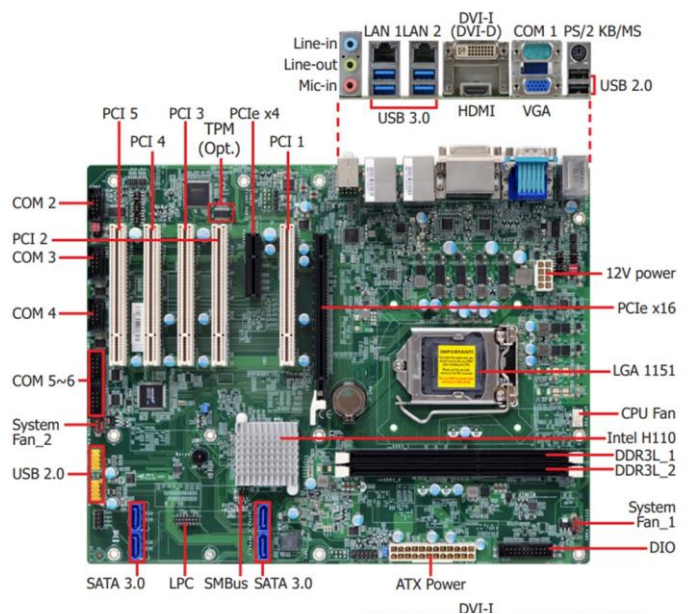
TECHNICAL INFORMATION (CONTINUED)

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 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	2x 5.25" SATA 2 x 3.5" 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	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



Company Address

Kontron UK Limited
Units 3, 4, 5, 9 & 10 New Bury Park
Marsh Lane, Easthampnett, UK
TEL: +44 (0) 1243 380780
uksales@kontron.com
www.industrial-computers.com