

ICOM365

3U 6th/7th Gen Industrial System



ICOM365

PRODUCT HIGHLIGHTS

- ▶ 3U Industrial Shallow Depth 381.0mm Rackmount System
- ▶ Intel 6th/7th Gen Intel® Core™ with Intel® Q170
- ▶ System supports 7 expansion slots
- ▶ 4 DDR4 DIMM up to 64GB
- ▶ Multiple expansion: 2 PCIe x16, 2 PCIe x4, 3 PCI
- ▶ Supports 3 independent displays
- ▶ Rich I/O: 2 Intel GbE, 6 COM, 6 USB 3.0, 8 USB 2.0
- ▶ CPU Life Cycle Support Until Q2 2025



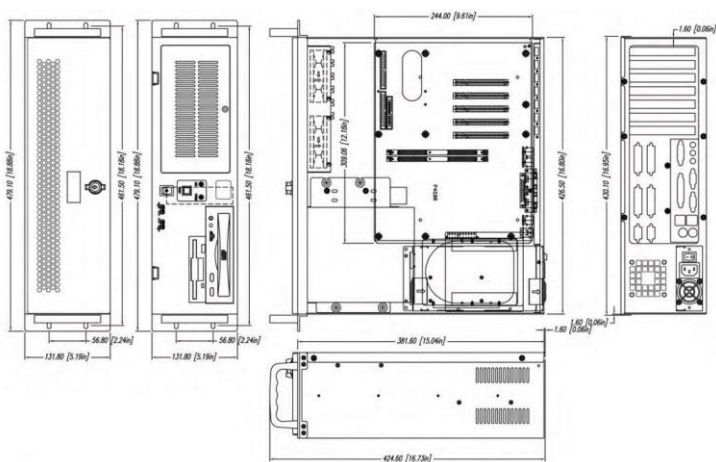
TECHNICAL INFORMATION

PROCESSOR	6th/7th Generation Intel® Core™ /Pentium®/Celeron® LGA 1151 Socket Processors with TDP up to 65W
CHIPSET	Intel® Q170 Chipset
MEMORY	Four 288-pin Non-ECC DIMM up to 64GB Dual Channel DDR4 2133/2400MHz
BIOS	SPI 128Mbit
STORAGE	Supports 1 x external 3.5" drive bay & 3 x internal 3.5" drive bays Supports 1 x 5.25" drive bay Supports RAID 0/1/5/10 & 6 x SATA3.0 drives
OPTICAL	Optional 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 expansion slots Motherboard expansion slots: 2 x PCIe x16 (Gen 3) (1 x16 signal or 2 x8 signals) 2 x PCIe x4 (Gen 3) 3 x PCI
POWER SUPPLY OPTIONS	1U form factor 350w to 500w 1U form factor DC 12~48V
AUDIO	Realtek ALC888S-VD2-GR
ETHERNET	1 x Intel® I210AT 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 7 32/64-bit Window 8.1 64-bit Windows 10 64-bit Note: 7th Gen CPU SKU ONLY support Windows 10 64-bit.
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 Triple Displays: VGA + DVI-I (DVI-D signal) + 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: resolution up to 1920x1200 @ 60Hz 1 x DVI-I (DVI-D signal): resolution up to 1920x1200 @ 60Hz 1 x HDMI: resolution up to 4096x2160 @ 24Hz 1 x Line-out, 1 x Mic-in, 1 x Line-in (opt., MOQ required)

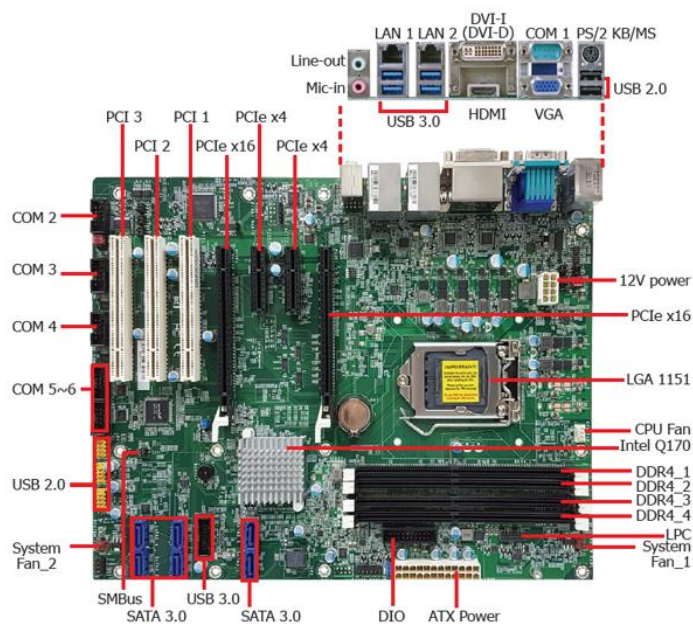
► TECHNICAL INFORMATION (CONTINUED)

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) 6 x USB 2.0 (2.54mm pitch) or 4 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	Supports 3 x 3.5" drive bays Supports 4 x 5.25" drive bays
MOTHERBOARD MTBF	368,564 hrs @ 25°C; 210,464 hrs @ 45°C; 133,339 hrs @ 60°C Calculation Model: Telcordia Issue 2, Method Case 3 Environment: GB, GC – Ground Benign, Controlled
ENVIRONMENT	Operation Temperature: 0~60 °C Storage Temperature: -20~85 °C Relative Humidity: 5~90%, non-condensing (Dependent on overall system specifications)
VIBRATION	5~7 Hz: 0.5" double amplitude displacement 7~2000 Hz: 1.5g acceleration
COOLING	Removable & Washable air filter 1x 6cm cooling fan & 2x 8cm cooling fans
COLOUR	Black (all other optional colours are available upon request)
DIMENSIONS:	482.6 (W) x 381 (D) x 131.8 (H); 19" (W) x 15 (D) x 5.19" (H)

► MECHANICAL DRAWING



► MOTHERBOARD DETAILS



► 3U CHASSIS 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