



4U Rackmount PC

4U Rackmount PC Overview

The Comark 4U Rackmount PC is a high performance, computer system specifically designed for long life and reliability with powerful options designed for maximum flexibility and performance in a rack system.

Why Comark?

- Internationally certified
- Unprecedented reliability
- Best in class lead time to meet your schedules and deadlines
- 5-year product lifecycle that help reduce the cost of ownership

Target Industries

- Industrial automation
- Server rooms
- Notification systems
- Data collection

Safety-Tested Reliability

- UL 60950 certified
- CE & FCC approved
- UL864 UL2572 ULCS527 Certified

Rugged, Superior Quality

- All metal construction chassis
- Hot swappable drive options
- Lockable front door protects power switch
- Intel® high performance processors
- 650W power supply

PHYSICAL SPECIFICATIONS

Dimensions (inch/mm)	19.0"W x 19.9"D x 7.0"H 482.6mm x 505mm x 177mm
Weight	39 lbs. (17.5kg)

STORAGE & PERIPHERALS

Memory	8/16/32GB
Storage	SSD or HD
Optical Drive	Optional DVD-RW Drive
Drive Bays	Hot-Swap Options Available (Up to 2 Drives)
Operating System	See below in configurator
RAID Options	Yes

PROCESSOR

Motherboard Form Factor	PICMG or ATX
Processors	Intel® i3/i5/i7 Processors 6th & 7th Generation

POWER

Power Supply	650W 90-240VAC / 50-60Hz
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ENVIRONMENTAL

Temperature	0°C to 50°C
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ATX BASE I/O

2 Serial Ports (RS-232/422/485)
16 USB Ports: 8 x USB 3.0, 8 x USB 2.0
2 Gigabit Ethernet LANports (Intel chipset)
8 SATA Ports: All are SATA 3.0 (hardware RAID supported)
Audio: In/Out, Mic ports
Video: DVI-D, HDMI, DisplayPort
TPM Header
MB Expansion slots: 2 x PCI, 1 x mSATA, 5 x PCIe (2-x16, 1-x4, 1-x1)

PICMG 1.3 BASE I/O

6 SerialPorts
12 USB Ports: 6 x USB 3.0, 6 x USB 2.0
2 Gigabit Ethernet LANports (Intel chipset)
4 SATA Ports: 4 SATA 3.0 (hardware RAID supported)
Audio: HDA Interface through pin header for Audiofunction.
1 Parallel port (viaheader/bayonet)
Video: SVGA plus DVI-D, DisplayPort viaheader/bayonet
TPM header
MB Expansion slots: 1-PICMG 1.3, 6 PCIe (1-x16, 5 x4), 7 PCI

PRODUCT CONFIGURATOR

4U

Form Factor:

ATX ATX Form Factor
PICMG PICMG Form Factor

Processor Option:

-i36 Intel i3 6th Gen processor
-i56 Intel i5 6th Gen processor
-i76 Intel i7 6th Gen processor

DRAM Options:

-8GB 8 GB DRAM
-16GB 16 GB DRAM
-32GB 32 GB DRAM

Internal Hard Drive:

-240SS 240 GB SATA solid state drive
-480SS 480 GB SATA solid state drive
-960SS 960 GB SATA solid state drive
-HD 1 TB SATA Hybrid hard drive

First Front Access Drive (Bay 1):

-0 No hard drive installed
-240SS 240 GB SATA solid state drive
-480SS 480 GB SATA solid state drive
-960SS 960 GB SATA solid state drive
-HD 1 TB SATA Hybrid hard drive

Second Front Access Drive (Bay 2):

-0 No hard drive installed
-240SS 240 GB SATA solid state drive
-480SS 480 GB SATA solid state drive
-960SS 960 GB SATA solid state drive
-HD 1 TB SATA Hybrid hard drive

Optical Drive:

-0 No optical drive installed
-DVD DVD-R/W SATA Drive

Operating System:

-W1064 Windows 10 Professional (64-bit)
-WS12 Windows Server 2012 (i7 only)
-WS16 Windows Server 2016 (i7 only)