

# PW-IPC-813-4U series

## 19" 4U Rackmount Industrial PC



### FEATURES

PW-IPC-813-4U series is based on the 14th/13th/12th Gen Intel® Core™ processors and the Intel® H610E chipset, and features advanced connectivity interfaces, rich I/O capabilities, and flexible customization options. Supporting multiple display interfaces, legacy options for industrial applications, GPIO ports, dual LAN (1x Intel® I219V, 1x Intel® I210AT), as well as rich expandability including PCIe slots, M.2 M key and multi-COM ports, the PW-IPC-813-4U Industrial PC series offers great reliability, expandability and high-performance computing for an extensive range of industrial applications

### IMAGES



### SPECIFICATIONS

Form Factor	19" 4U Rackmount Industrial PC
Processor	12th/13th/14th Gen Intel® Core™ Processors in LGA1700 package
Chipset	Intel® H610E
BIOS	AMI uEFI BIOS
Memory	Support up to 64GB DDR4 up to 3200MHz Non-ECC on two Long-DIMM socket
Storage Devices	4x SATAIII ports
Watchdog Timer	Programmable watchdog timer, time out period from 1 sec to 255 secs
Hardware Monitoring	System monitor (Voltage, Fan Speed and Temperature)
Expansion Interface	- 2x PCIe x16 (1x PCIe x4 signal) - 1x PCIe x1 slot - 4x PCI slots - 1x M.2 (Type M) type 2242/2260/2280 (SATA/PCIe x1 mode)
Super I/O	Nuvoton NCT6126D
Audio	Audio Jack on rear I/O with Line-out / Mic-in with Realtek ALC897 Audio controller
Ethernet	Intel® I219V and Intel® I210AT Ethernet controller 2x RJ45 connectors on rear I/O
Serial Port	- 2x RS232/422/485 port one on REAR I/O, one on board header - 4x RS232 port on pin header
USB Options	- 4x USB3.2 (Gen2) and 4x USB 2.0 ports on rear I/O - 2x USB2.0 on pin header (2 USB 2.0 on the front)
GPIO	8-bit configurable controlled by embedded controller
Graphic Controller	Intel® graphic UHD 630 supports DirectX 12, OpenGL 4.5
Display Interface options	DP: DP port on rear I/O, resolution up to 4096x2160 VGA: One VGA port on rear I/O resolution up to 1920x1200 HDMI: One HDMI connector on rear I/O, resolution up to 4096x2160
Power Supply	230V AC input (ATX Power supply)
Environment	- Operation Temperature: 0°C to 60°C - Storage Temperature: -20°C to 80°C - Relative Humidity: 5% to 95%, non-condensing
MTBF	Over 100,000 hours at 40°C
Mechanical Dimension (WxDxH)	427 mm x 450 mm x 177 mm
Material	Quality fine 1.2mm SGCC steel
Cooling Fan	1-120mm fan on front and 2-80mm fans on rear panel
System Control	Power/ Reset/ KB-LK switch, Power / HDD/KB-LK LED
Colour	Black

### Contact :

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