



## Main Features

- 19" Rackmount industrial chassis
- Supports 6th generation Intel® Core™ i7/i5/i3 processor
- Supports 2 x 5.25", 2 x 3.5" and 1 x 2.5" disk drives
- Front-accessible: 2 x USB ports and indicator for HDD/power status
- Rear window: 1 x VGA, 2 x GbE LAN, 2 x USB 3.0, 2x USB 2.0, 1 x PS/2 KB&MB, 2 x COM, 1 x LPT

## Specifications

### Main Board (PEAK 888VL2-H)

- PICMG1.3 full-size, the PEAK 888VL2-H, Intel® H110 PCH chipset supports 6th generation Intel® Core™ processor with dual DDR4 DIMM socket up to 32GB

### Backplan (NBP 14570)

- The NBP 14570 is a 13-slot backplane for 4U chassis with 1 x SHB slot, 7 x PCI slots, 4 x PCIe x1 and 1 x PCIe x16. It follows PICMG 1.3 platform specifications and supports ATX power supply

## PBOX-4U14570 System Specifications

### I/O Interface-Front

- 2 x 5.25" drive bay
- 1 x 2.5" drive bay
- 2x USB 2.0 (backplane P/H)
- 1 x HDD LED (red), 1 x power LED (green)
- 2 x Switch (power/reset switch)

### I/O Interface-Rear

- 1 x VGA
- 2 x GbE LAN
- 2 x USB 3.0, 2 x USB 2.0 (I/O bracket)
- 2 x COM ports
- 1 x LPT port (I/O bracket)
- 1 x Combo PS/2 KB&MS (I/O bracket)

### Storage

- 2 x 5.25" drive bay (up to 3 x 5.25" to 3.5" drive bay)
- 1 x 2.5" drive bay
- 2 x 3.5" drive bay

### I/O Interface-Internal (optional)

- 1 x Pin header for TPM
- 1 x HDA header

### Power Supply

- 500W ATX power supply
- Main connector: 20+4 pin
- Input voltage: 110V-240V/50Hz-60Hz
- Out put: +5VSB@2.5A, +3.3V@24A, +5V@20A, +12V1@18A, +12V2@18A, -12V@0.3A

### Physical Construction

- Form factor: 4U 19" rackmount industrial computing chassis
- Construction: heavy-duty cold rolled electroplated steel
- Color: black/white
- Dimensions: 482 x 450 x 172 ± 2.0 (D x W x H) (mm)
- Mounting: 2 x rack mount ear
- Cooling system: 1
- Weight: 17.4kg

### Environment

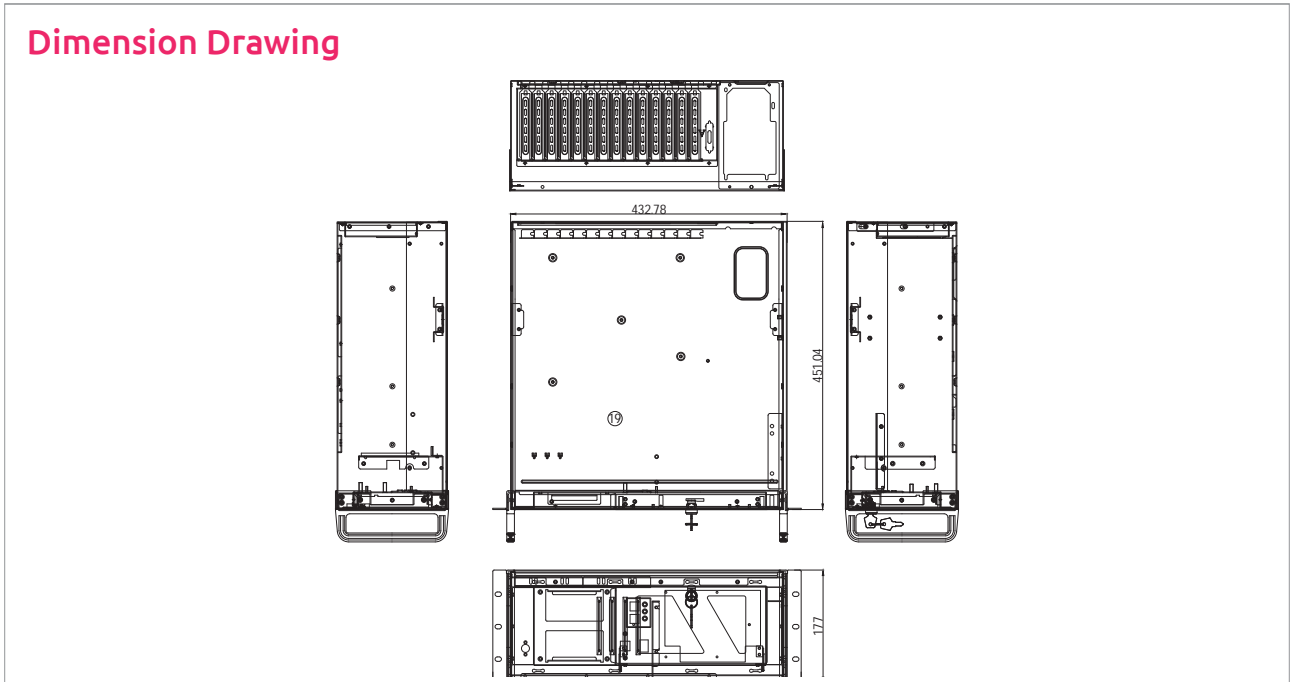
- Operating temperature: 0°C~50°C
- Operating humidity: 10%~90% (non-condensing)
- Storage temperature: -10°C~60°C
- Non-operating humidity: 10%~ 90%@40°C non-condensing
- Reliability (design is compliant to following standard)

### Reliability

(design is compliant to following standard EN55022 and EN61000)

- Certification
- CE approval
- FCC class A

## Dimension Drawing



## Ordering Information

- ◆ **PBOX-4U14570B (P/N: 79R0041003X00)**

Chassis: 19" 4U rack-mount chassis for ATX M/B  
 Chassis color: black  
 Supply: 500W ATX  
 M/B: PEAK888VL2-H  
 Backplane: NBP 14570-BX

- ◆ **PBOX-4U14570W (P/N: 79R0041004X00)**

Chassis: 19" 4U rack-mount chassis for ATX M/B  
 Chassis color: white  
 Supply: 500W ATX  
 M/B: PEAK888VL2-H  
 Backplane: NBP 14570-BX

### Accessories

- ◆ 1 x CPU cooler
- ◆ 3 x 5.25" to 3.5" drive bay
- ◆ 2 x SATA cable

### Optional Accessories

- ◆ COM port cable (P/N: 60233SIO03X00)
- ◆ USB 3.0 cable (P/N: 603USB0006X00)
- ◆ EBK-TPM 2.0 module (P/N: 10E000TPM01X0)
- ◆ EBK-HAD (P/N: 10E000HDA00X0)