

# Mobile Surveillance Rack-PC 7280

## PKBX5560/-1/-2



The Mobile Surveillance Rack-PC 7280 is a 2U rackmount DVR/ NVR system utilizing Intel® LGA775 Core™ 2 Quad/Core™ 2 Duo/ Celeron® processors. Moreover, the Mobile Surveillance Rack-PC 7280 provides a wide variety of I/O interfaces including two Intel® GbE Ethernet ports, 1x COM ports, 2x USB. The Mobile Surveillance Rack-PC 7280 is

available to meet different customers' demands for various applications along with intelligent program design. In addition, flexible PCI expansion slot for 8 powers over Ethernet (PoE) ports for a range of IP surveillance, eases the difficulties of providing different power source for device such IP camera in buses, police cars, and sightseeing buses etc.



### Main Features

- 2U Rackmount Chassis
- Supports Intel® LGA775 Core™ 2 Quad/ Core™ 2 Duo/ Celeron® Processors
- Two DDR2 DIMM socket, up to 4GB DDR3 800/1.066 MHz SDRAM
- Dual Intel® Gigabit Ethernet Ports
- 2x USB2.0/1x VGA
- 2 x 3.5" SATA HDD Bays for External
- 110V to 240VAC Power Input
- Optional 8 Ports PoE
- Optional Software

### Technical Specifications

#### CPU Support

- Supports Intel® LGA775 Core™ 2 Quad/Core™ 2 Duo/Celeron® processors
- Intel® Embedded processors list (Intel® Longevity CPU)
- Intel® Core™ 2 Quad processor Q9400
- Intel® Core™ 2 Duo processor E8400 & E7400 & E1500
- Intel® Celeron® 440 processor
- 800/1.066/1.333MHz system bus

#### Main Memory

- 2x 240-pin memory DIMM, up to 4GB DDR3 800/1.066MHz SDRAM, un-buffered and non-ECC
- Note: Actual memory size is dynamic based on the OS I/O resource allocation

#### Platform Control Hub

- Intel® G41 Graphics Memory Controller Hub (GMCH)
- Intel® ICH7R I/O Controller Hub

#### I/O Interface-Front

- ATX power on/off switch
- HDD access/power status LEDs
- 2x USB2.0 ports
- 1x COM port
- 2x 3.5" SATA HDD bays for external
- 1x LCD module, support 2x 16 characters
- 2x PCI slots
- 1x PS/2 keyboard/mouse
- 2x GbE ports
- 1x VGA

#### I/O Interface-Rear

- AC 100V to 240V input

#### Device

- 2x 3.5" SATA HDD driver bay

#### Expansion

- 2x PCI expansions (for optional 4 ports PoE)

#### Dimensions

- tbd

#### Construction

- 2U rackmount, heavy-duty steel chassis

#### Power Requirements

- ATX power mode
- On-board DC to DC power support from 9V to 30VDC
- Optional power adapter

#### Environment

- Operating temperature:
  - Ambient with air flow: 0°C to 40°C
  - (According to IEC60068-2-1, IEC60068-2-2, IEC60068-2-14)
- Storage temperature: -20°C to 70°C
- Relative humidity: 10% to 90% (non-condensing)

#### Certifications

- CE approval
- FCC class A

# Mobile Surveillance Rack-PC 7280

## PKBX5560/-1/-2



**No Dimension Drawing available**

### Ordering Information

PKBX5560 Mobile Surveillance Rack-PC 7280-Q9400  
Intel Core 2 Quad Q9400

PKBX5560-1 Mobile Surveillance Rack-PC 7280-E8400  
Intel Core 2 Duo E8400, E7400 and E1500

PKBX5560-2 Mobile Surveillance Rack-PC 7280-440  
Intel Celeron 440