

# 7-Slot Reinforced Wall-Mount Industrial PC



## Product Features:

- Supports motherboards of size 12"\*9.6" (ATX) and smaller
- Supports 2 x 3.5" hard drive bays and 1 x 2.5" hard drive bay
- Supports 1 x 5.25" optical drive bay and 1 x 3.5" floppy drive bay; the optical drive bay and floppy drive bay are compatible with 2.5"/3.5" hard drives
- Comes standard with 1 x 12025S fan and 1 x 4020S fan
- Supports Flex 1U power supply and 7 full-height PCI/PCIE expansion slots

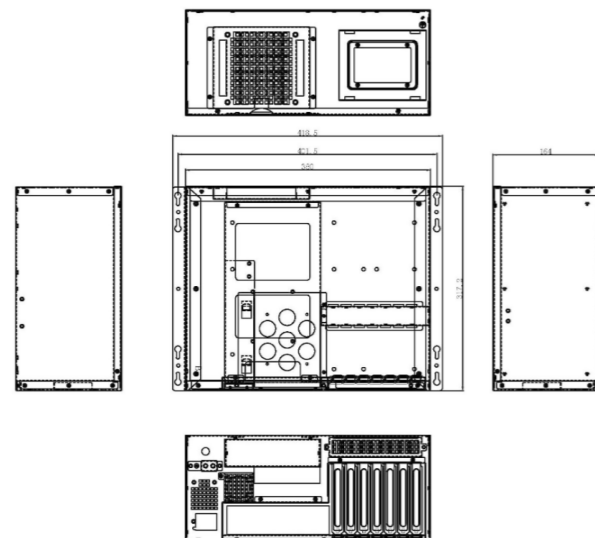


# KTB-7120

7-Slot Reinforced Wall-Mount Industrial PC  
Supports Motherboards of standard 12" x 9.6" (ATX) and smaller sizes

KTB-7120 is a 7-slot ruggedized wall-mount industrial PC designed for industrial environments. It is manufactured using eco-friendly, fingerprint-resistant 1.0mm SGCC premium sheet metal. The front panel features a sandblasted black finish (KC-31084), while the remaining steel panels retain their natural finish, balancing durability with aesthetics. The chassis measures 317.2mm (L) x 380mm (W) x 164mm (H), offering a compact and robust structure. This chassis supports 2nd to 14th generation processors, accommodating diverse industrial computing performance requirements. It is compatible with motherboards up to 12" x 9.6" (ATX) and smaller, making it suitable for industrial control, intelligent transportation, mechanical automation, IoT, and other fields. It provides a reliable mounting and operational platform for various industrial equipment.

Dimension Drawing



\*mm

## 7-Slot Reinforced Wall-Mounted Industrial Computer (Intel 2nd-14th Gen Processors)

Model	KTB-7120 7-Slot Reinforced Wall-Mount Industrial PC				
Product Color	Front panel: Sandblasted black (KC-31084), Remaining steel panels: Natural finish				
Processor	2/3th Gen	4th Gen	6/7/8/9th Gen	10/11th Gen	12/13/14th Gen
Chipset	B75	B85/H81	H110/Q170/Q370/B365/H310C	Q470/B560/H420E/W480	Q670/H610
CPU Socket	LGA1155	LGA1150	LGA1151	LGA1200	LGA1700
Memory	2/4*DDR3 DIMM Up to 16GB/32GB	2/4*DDR3 DIMM Up to 16GB/32GB	2/4*DDR4 DIMM Up to 16GB/32GB/64GB/128GB	2/4*DDR4 (U)DIMM Up to 64GB/128GB	2/4*DDR4/5 (U)DIMM Up to 64GB/128GB
BIOS	64Mb SPI FLASH	64Mb SPI FLASH	64Mb SPI FLASH	64Mb SPI FLASH	64Mb SPI FLASH
Display Interface	VGA+DVI, or VGA	VGA+HDMI, or VGA+HDMI+DVI, or VGA+DVI	VGA+HDMI, or VGA+HDMI+DP(DVI), or VGA+DVI	VGA+HDMI, or VGA+HDMI+DP	VGA+HDMI, or VGA+HDMI+DP/DP++
Serial Port	2/6 RS232/485/422	6/10 RS232/485/422	6/10 RS232/485/422	6/10 RS232/485/422	6 RS232/485/422
Network Port	2*10/100/1000Mbps, 1*Intel 82583V, 1*Intel82579L, Realtek RTL8111E	2*10/100/1000Mbps, Adopt RTL8111H or Intel I211 chip	2*10/100/1000Mbps, Adopt Intel I219V/I211/I210 chip	2*10/100/1000Mbps, Adopt Intel I219V+ Intel I211 chip	2*LAN: 1*1000Mbps+ 1*2.5G network card Adopt Intel I219V+ Intel I226 chip
USB	2/4*USB3.0 (I/O) 2*USB2.0 (I/O) 6/8/10*USB2.0 (Built-in)	2/4*USB3.0 (I/O or built-in) 2/4*USB2.0 (I/O) 2/4/6*USB2.0 (Built-in)	4/6*USB3.0 (I/O or built-in) 5/6/8*USB2.0 (I/O or built-in)	6*USB3.2 (I/O) 4/6/8*USB2.0 (Built-in)	2/6*USB3.2 (I/O) 2/6*USB3.0 (I/O) 6/8*USB2.0 (I/O or built-in)
AUDIO	Realtek ALC662 chip Support MIC-in, Line-out, Line-in(optional)	Realtek ALC892/662 chip; Support Line-in, Line-out, MIC-in	Realtek ALC892/662/897 chip; Support MIC-in, Line-out, Line-in	Realtek ALC662/892 chip Support MIC-in, Line-out, Line-in	Realtek ALC897 chip Support MIC-in, Line-out, Line-in
Hard Disk Interface	1*SATA III  3/5*SATA II	2/4*SATA III  1*mSATA	3/4*SATA III Support RAID 0/1/5/10  1*mSATA or 1xM.2(Support 2260/2280 Key-M SSD, SATA and Nvme)	3/4*SATA III Support RAID 0/1/5/10  1*M.2 (Support 2242/2260/2280/22110 Key-M SSD, SATA or Nvme)	4*SATA III Support RAID 0/1/5/10  1*M.2(Support 2242/2260/2280 Key-M SSD) Support SATA /Nvme PCIe X2
GPIO	Provide a 2*5 Pin 2.0mm GPIO pin, supporting 4 inputs and 4 outputs	Provide a 2*5 Pin 2.0mm/2.54mm GPIO pin, supporting 4 inputs and 4 outputs	Provide a 2*5 Pin 2.0mm/2.54mm GPIO pin, supporting 4 inputs and 4 outputs	Provide a 2*5 Pin 2.54mm GPIO pin, supporting 4 inputs and 4 outputs	Provide a 2*5 Pin 2.54mm GPIO pin, supporting 4 inputs and 4 outputs
System one key restore	/	/	Support one-click restore of hardware system	Support one-click restore of hardware system	/
PCIe	1*16X 1*4X 1*1X	1*16X 1*4X 1*1X	1/2*16X 1/3*4X 1*1X(using 4X socket)	1*16X 1/3/4*4X 2*1X	1*16X 1/3*4X 2*2X
PCI	2/4/6	2/4	2/5	2/4	1/2/4
PS/2	Support	Support	Support	Support	Support
LPT	Support	Support	Support	Support	Support
TPM2.0	/	/	/	Support	Support
Power-supply	Standard ATX 24-pin	Standard ATX 24-pin	Standard ATX 24-pin	Standard ATX 24+8-pin	Standard ATX 24+8-pin
Operating Temp	0°C~60°C	0°C~60°C	0°C~60°C	0°C~60°C	0°C~60°C
Storage Temp	-20°C~85°C	-20°C~85°C	-20°C~85°C	-20°C~85°C	-20°C~85°C
Operating Humidity	5%~95%, non-condensing	5%~95%, non-condensing	5%~95%, non-condensing	5%~95%, non-condensing	5%~95%, non-condensing
OS	Win XP/7/8/10, Linux	Win 7/8/10, Linux	Win 7/8/10, Linux	Win 10/11, Linux	Win 7/8/10/11, Linux, Ubuntu
Watchdog	Watchdog function, supporting system restart within 1255 seconds	Watchdog function, supporting system restart within 1255 seconds	Watchdog function, supporting system restart within 1255 seconds	Watchdog function, supporting system restart within 1255 seconds	Watchdog function, supporting system restart within 1255 seconds
Dimensions	317.2mm ( L ) *380mm ( W ) *164mm ( H )				

\*Above config: KTB motherboard & chassis. For more, contact customer service.