



## BMX-P54S-Q170

Mini Server with 4 hot-swap drive bays

- > Mini server storage system
- > Intel® 6th Generation Core™ Processors
- > 2 x 260-pin DDR4 2133MHz SO-DIMM socket, supports up to 32GB Max
- > 4 x 2.5" or 3.5" hot-swap HDD trays
- > 1 x 2.5" internal drive bay
- > 1 x Slim ODD bay (Optional 2.5" HDD bracket)
- > M/B Tray for easy maintenance
- > 120 x 25 mm rear PWM fan for system cooling
- > Kensington slot and padlock loop
- > Supports 6Gb/s SATA backplane
- > 1 x Low profile slot
- > 265W 1U Flex 100-240Vac Power Supply

### + Spec

System	
<b>Processor</b>	Intel® LGA1151 Socket Supports 6th Generation Core™ i7/ i5/ i3 Processors
<b>System Chipset</b>	Intel® Q170 Express Chipset
<b>System Memory</b>	2 x 260-pin DDR4 2133MHz SO-DIMM up to 32 GB
<b>I/O Chip</b>	Nuvoton® NCT6106D
<b>BIOS</b>	AMI uEFI BIOS, 128Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 1sec. ~ 65535sec./min. 1sec. or 1min. step
<b>H/W Status Monitor</b>	CPU temperature monitoring Voltages monitoring CPU fan speed control
<b>TPM</b>	Onboard Infineon SLB9665 support TPM 2.0
<b>Board</b>	EMX-Q170P
Expansion	
<b>Expansion</b>	1 x Low profile expansion slot
Storage	
<b>Storage</b>	4 x 2.5" or 3.5" hot-swap HDD trays 1 x 2.5" internal drive bay
I/O	
<b>USB</b>	4 x USB 3.0 2 x USB 2.0
<b>COM Port</b>	1 x RS-232
<b>MIO</b>	1 x PS/2 Keyboard or Mouse
<b>Other</b>	Onboard Infineon SLB9665 support TPM 2.0
Display	
<b>Chipset</b>	Intel® 6th Generation CPU integrated
<b>Resolution</b>	VGA: 2560 x 1600 @ 60 Hz HDMI: 3840 x 2160 @ 30 Hz, 2560 x 1600 @ 30 Hz DP: 4096 x 2304 @ 60Hz VGA + HDMI + DP
<b>Multiple Display</b>	Triple Display
Audio	
<b>Chipset</b>	Realtek ALC892 supports 5.1-CH
<b>Audio Interface</b>	Mic-In, Line-In and Line-Out
<b>Audio Amplifier</b>	2 x 6W Amplifier
Ethernet	
<b>Chipset</b>	1 x Intel® I219LM 1 x Intel® I211AT
<b>LAN Port</b>	2 x RJ-45
Mechanical & Environmental	
<b>Power Type</b>	ATX
<b>Operating Temp</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Storage Temp</b>	-20°C ~ 75°C (-4°F ~ 167°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (L x W)</b>	275 x 210 x 230 mm
Power Requirement	
<b>Adapter</b>	265W 1U Flex 100-240Vac Power Supply

### + Ordering

BMX-P54S-Q170-A1R  
Mini Server 4bays Storage System With Intel® 6th Generation Core™ Processors ATX Motherboard & Intel® Q170 Express Chipset

