



BMX-P54S-Q17K

Mini Server with 4 hot-swap drive bays

- > Intel® 6/7th 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 Information-	
Processor	Intel® LGA1151 Socket Supports 6/7th Generation Core™ i7/ i5/ i3 & Pentium®/Celeron® Processors
Platform Controller Hub	Intel® Q170 Chipset
System Memory	2 x 260-pin DDR4 2133MHz SO-DIMM up to 32 GB
I/O Chipset	Nuvoton® NCT6106D
BIOS Information	AMI uEFI BIOS, 128Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./min. 1sec. or 1min. step
H/W Status Monitor	CPU temperature monitoring Voltages monitoring CPU fan speed control
TPM	Onboard Infineon SLB9665 support TPM 2.0
SBC	EMX-Q170KP
Expansion	
Expansion	1 x Low profile expansion slot
Storage	
Storage	4 x 2.5" or 3.5" hot-swap HDD trays 1 x 2.5" internal drive bay
I/O	
USB Port	4 x USB 3.0 2 x USB 2.0
COM Port	1 x RS-232
PS/2	1 x PS/2 Keyboard or Mouse
Other	Onboard Infineon SLB9665 support TPM 2.0
Display	
Graphic Chipset	Intel® 7th Generation CPU integrated
Spec. & Resolution	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
Multiple Display	Triple Display
Audio	
Audio Codec	Realtek ALC888S
Audio Interface	Mic-In, Line-In and Line-Out
Audio Amplifier	2 x 6W Amplifier
Ethernet	
LAN Chipset	1 x Intel® I219LM 1 x Intel® I210AT
LAN Port	2 x RJ-45
Power Requirement	
Adapter	265W 1U Flex 100-240Vac Power Supply
Mechanical & Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	275 x 210 x 230 mm
Ordering Information	
Ordering Information	BMX-P54S-Q17K-B1R Mini Server 4bays Storage System with Intel® 6/7th Generation Core™ Processors ATX Motherboard & Intel® Q170 Chipset Power Cord information USA Power Cord: E1702031833R UK Power Cord: E170P060380R EU Power Cord: E1702031000R Australia Power Cord: E1702031831R