



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 |

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