



## BAX-R1U0-Q17K

### 1U Rackmount Barebone System

- > 1U Rackmount System
- > Intel® 6/7th Generation Core™ i7/ i5/ i3, Pentium® and Celeron® Processors(Max. TDP at 35W)
- > 4 x 288-pin DDR4 2133MHz DIMM socket, supports up to 64GB Max
- > 2 x 3.5" Drive Bay or 1 x 2.5" + 1 x 3.5" Drive Bay
- > 1 x Slim ODD Bay
- > Full Height PCIe Slot x 1 (via riser card and bracket)
- > 315W 1U Flex 100-240 Vac Power Supply

#### + Spec

System Information	
<b>Processor</b>	Intel® 6/7th Generation Core™ i7/ i5/ i3, Pentium® and Celeron® Processors(Max. TDP at 35W)
<b>Platform Controller Hub</b>	Intel® Q170 Chipset
<b>System Memory</b>	2 x 16GB DDR4 SDRAM
<b>I/O Chipset</b>	Nuvoton® NCT6106D
<b>BIOS Information</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>SBC</b>	EAX-Q170KP
Expansion	
<b>Expansion</b>	Full Height PCIe Slot x 1 (via riser card and bracket)
Storage	
<b>Storage</b>	2 x 3.5" 4TB HDD
I/O	
<b>USB Port</b>	4 x USB 3.0, 4 x USB 2.0
<b>COM Port</b>	1 x RS-232
<b>PS/2</b>	1 x PS/2 Keyboard or Mouse
Display	
<b>Graphic Chipset</b>	Intel® 7th Generation CPU integrated
<b>Spec. &amp; Resolution</b>	VGA: 2048 x 1536 @ 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>Audio Codec</b>	Realtek ALC888S 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>LAN Chipset</b>	1 x Intel® I219LM 1 x Intel® I211AT
<b>LAN Port</b>	2 x RJ-45
Power Requirement	
<b>Adapter</b>	315W 1U Flex 100-240Vac
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 35°C (32°F ~ 95°F)
<b>Storage Temperature</b>	-20°C ~ 75°C (-4°F ~ 167°F)
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	381 x 482.6 x 44.4 mm
<b>Construction</b>	Metal
Ordering Information	
<b>Ordering Information</b>	BAX-R1U0-Q17K-B1R 1U Rackmount System with Intel® 6/7th Generation Core™ Processors ATX Motherboard & Intel® Q170 Chipset