

Product Name: KU968



Processor	<p>7th Generation Intel® Core™ Processors, BGA 1356</p> <p>Intel® Core™ i7-7600U Processor, Dual Core, 4M Cache, 2.8GHz (3.9GHz), 15W</p> <p>Intel® Core™ i5-7300U Processor, Dual Core, 3M Cache, 2.6GHz (3.5GHz), 15W</p> <p>Intel® Core™ i3-7100U Processor, Dual Core, 3M Cache, 2.4GHz, 15W</p> <p>Intel® Celeron® Processor 3965, Dual Core, 2M Cache, 2.2GHz, 15W</p>
Part Number	KU968
Memory	4GB/8GB DDR4 Memory Down Dual Channel DDR4 2133MHz
BIOS	Insyde SPI 128Mbit
Controller	Intel® HD Graphics
Feature	<p>OpenGL 5.0, DirectX 12, OpenCL 2.1</p> <p>HW Decode: AVC/H.264, MPEG2, VC1/WMV9, JPEG/MJPEG, HEVC/H265, VP8, VP9</p> <p>HW Encode: AVC/H.264, MPEG2, JPEG, HEVC/H265, VP8, VP9</p>
Display	<p>1 x VGA/DDI (DDI available upon request)</p> <p>1 x LVDS/eDP (eDP available upon request)</p> <p>1 x DDI</p> <p>VGA: resolution up to 1920x1200 @ 60Hz</p> <p>LVDS: dual channel 24-bit, resolution up to 1920x1200 @ 60Hz</p> <p>eDP: resolution up to 4096x2304 @ 60Hz</p> <p>HDMI: resolution up to 4096x2160 @ 30/24Hz</p> <p>DP++: resolution up to 4096x2304 @ 60Hz</p>
Triple Displays	<p>VGA + LVDS + DDI</p> <p>DDI + eDP + DDI</p>
Expansion	<p>5 PCIe x1 or 4 PCIe x1 + 1 PCIe x4 or 3 PCIe x1 + 2 PCIe x2 (support up to 5 devices and 8 lanes)</p> <p>1 x LPC</p> <p>1 x I2C</p> <p>1 x SMBus</p> <p>2 x UART (TX/RX)</p>



Audio	HD Audio
Ethernet	1 x Intel® I219LM with iAMT11.0 PCIe (10/100/1000Mbps)
USB	4 x USB 3.0 8 x USB 2.0
Storage	3 x SATA 3.0 (up to 6Gb/s) RAID 0/1/5/10
eMMC	1 x 4GB/8GB/16GB/32GB eMMC (available upon request)
DIO	1 x 8-bit DIO
Power	12V, 5VSB, VCC_RTC (ATX mode) 12V, VCC_RTC (AT mode)
OS Support	Windows: Windows 10 IoT Enterprise 64-bit Linux: Yocto Project v2.2
Operating Temperature	Operating: 0 to 60°C
Dimensions	COM Express® Compact 95mm (3.74") x 95mm (3.74")
Compliance	PICMG COM Express® R2.1, Type 6