

Product Name: KB968



Processor	<p>AMD® Embedded G-Series SoC FT3 BGA</p> <p>AMD® GX-415GA, Quad Core, 2M Cache, 1.5GHz, 15W</p> <p>AMD® GX-420CA, Quad Core, 2M Cache, 2.0GHz, 25W</p> <p>AMD® GX-217GA, Dual Core, 1M Cache, 1.65GHz, 15W</p> <p>AMD® GX-210HA, Dual Core, 1M Cache, 1.0GHz, 9W</p> <p>AMD® GX-210JA, Dual Core, 1M Cache, 1.0GHz, 6W</p> <p>AMD® GX-416RA, Quad Core, 2M Cache, 1.6GHz, 15W, without GPU</p>
Part Number	KB968
Memory	<p>One 204-pin SODIMM up to 8GB</p> <p>Dual Channel DDR3 1600MHz</p>
BIOS	32Mbit SPI
Controller	Advanced discrete-level GPU integrated in the processor
Feature	Supports hardware acceleration for DirectX 11.1, H.264, MPEG-2, MPEG-4 AVC, VC-1 and WMV
Display	<p>1 x VGA</p> <p>1 x LVDS/DP</p> <p>1 x DP</p> <p>VGA: resolution up to 2048x1536 @ 60Hz</p> <p>LVDS: single channel 18-bit, resolution up to 1600x900 @ 60Hz</p> <p>DP: resolution up to 4096x2160 @ 30Hz</p>
Expansion	<p>1 x PCIe x4 (GFX)</p> <p>4 x PCIe x1 (GPP, GPP3 is connected to onboard LAN by default)</p> <p>1 x LPC</p> <p>1 x I2C</p> <p>1 x SMBus</p> <p>2 x Serial (TX/RX)</p>



Audio	HD Audio
Ethernet	1 x Intel® WGI210AT (10/100/1000Mbps)
USB	2 x USB 3.0 6 x USB 2.0
Storage	2 x SATA 3.0 (up to 6Gb/s)
DIO	1 x 8-bit DIO
Power	12V, 5VSB, VCC_RTC (ATX mode) 12V, VCC_RTC (AT mode)
OS Support	Windows 7 Ultimate x86 & SP1 (32-bit) Windows 7 Ultimate x64 & SP1 (64-bit) Windows 8 Enterprise x86 (32-bit) Windows 8 Enterprise x64 (64-bit)
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