

**Product Name: BW968**



<b>Processor</b>	<p>Intel® Pentium®/Celeron® Processor N3000 Family, BGA 1170</p> <p>Intel® Atom™ Processor x5-E8000, Quad Core, 2M Cache, 1.04GHz, 5W</p> <p>Intel® Pentium® Processor N3710, Quad Core, 2M Cache, 1.6GHz (2.56GHz), 6W</p> <p>Intel® Celeron® Processor N3160, Quad Core, 2M Cache, 1.6GHz (2.24GHz), 6W</p> <p>Intel® Celeron® Processor N3060, Dual Core, 2M Cache, 1.6GHz (2.48GHz), 6W</p> <p>Intel® Celeron® Processor N3010, Dual Core, 2M Cache, 1.04GHz (2.24GHz), 4W</p>
<b>Part Number</b>	BW968
<b>Memory</b>	Two 204-pin SODIMM up to 8GB Dual Channel DDR3L 1600MHz
<b>BIOS</b>	Insyde SPI 64Mbit
<b>Controller</b>	Intel® HD Graphics
<b>Feature</b>	<p>OpenGL 4.2, Direct X 11.1, OpenCL 1.2, OGL ES 3.0</p> <p>HW Decode: H.264, MPEG2, VC1, VP8, H.265, MPEG4</p> <p>HW Encode: H.264, MPEG2, MPEG4</p>
<b>Display</b>	<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 2560x1440 @ 60Hz</p> <p>HDMI: resolution up to 3840x2160 @ 30Hz or 2560x1600 @ 60Hz</p> <p>DP: resolution up to 3840x2160 @ 30Hz or 2560x1600 @ 60Hz</p>
<b>Triple Displays</b>	<p>VGA + LVDS + DDI</p> <p>DDI + eDP + DDI (available upon request)</p>
<b>Expansion</b>	<p>3 x PCIe x1 (Gen 2)</p> <p>1 x LPC</p> <p>1 x I2C</p> <p>1 x SMBus</p> <p>2 x Serial (TX/RX)</p>



<b>Audio</b>	HD Audio
<b>Ethernet</b>	1 x Intel® I211AT PCIe (10/100/1000Mbps)
<b>USB</b>	4 x USB 3.0 8 x USB 2.0
<b>Storage</b>	2 x SATA 3.0 (up to 6Gb/s)
<b>DIO</b>	1 x 8-bit DIO
<b>Power</b>	12V, 5VSB, VCC_RTC (ATX mode) 12V, VCC_RTC (AT mode)
<b>OS Support</b>	Windows 8.1 64-bit Windows 7 (/WES7) 32/64-bit Windows 10 IoT Enterprise 64-bit Debian 8 (with VESA graphic driver) CentOS 7 (with VESA graphic driver) Ubuntu 15.10 (Intel graphic driver available)
<b>Operating Temperature</b>	0 to 60°C
<b>Dimensions</b>	COM Express® Compact 95mm (3.74") x 95mm (3.74")
<b>Compliance</b>	PICMG COM Express® R2.1, Type 6