

Product Name: BW968



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| Processor | <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> |
| Part Number | BW968 |
| Memory | Two 204-pin SODIMM up to 8GB Dual Channel DDR3L 1600MHz |
| BIOS | Insyde SPI 64Mbit |
| Controller | Intel® HD Graphics |
| Feature | <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> |
| 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 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> |
| Triple Displays | <p>VGA + LVDS + DDI</p> <p>DDI + eDP + DDI (available upon request)</p> |
| Expansion | <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> |

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| Audio | HD Audio |
| Ethernet | 1 x Intel® I211AT PCIe (10/100/1000Mbps) |
| USB | 4 x USB 3.0 8 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 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) |
| Operating Temperature | 0 to 60°C |
| Dimensions | COM Express® Compact 95mm (3.74") x 95mm (3.74") |
| Compliance | PICMG COM Express® R2.1, Type 6 |