Product Name: BT9A3



Processor	Intel Atom® Processor E3800 Series, BGA 1170 Intel Atom® E3845, Quad Core, 2M Cache, 1.91GHz, 10W Intel Atom® E3827, Dual Core, 1M Cache, 1.75GHz, 8W Intel Atom® E3815, Single Core, 0.5M Cache, 1.46GHz, 5W Intel® Celeron® J1900, Quad Core, 2M Cache, 2GHz (2.41GHz), 10W Intel® Celeron® N2930, Quad Core, 2M Cache, 1.83GHz (2.16GHz), 7.5W
Part Number	BT9A3
Memory	4GB/8GB Memory Down Dual Channel DDR3L 1600MHz
BIOS	AMI SPI 128Mbit (supports UEFI boot only)
Controller	Intel® HD Graphics
Feature	OpenGL 5.0, DirectX 12, OpenCL 2.1 HW Decode: AVC/H.264, MPEG2, VC1, WMV9, JPEG/MJPEG, HEVC/H.265, VP8, VP9, MVC HW Encode: AVC/H.264, JPEG/MJPEG, HEVC/H.265, VP8, VP9, MVC
Display	1 x DDI (HDMI/DVI/DP) 1 x LVDS LVDS: single channel 24-bit, resolution up to 1366x768 @ 60Hz HDMI/DVI: resolution up to 1920x1080 @ 60Hz DP: resolution up to 2560x1600 @ 60Hz
Dual Displays	DDI + LVDS DDI + eDP
Expansion	3 x PCIe x1 (Gen 3) 1 x LPC 1 x I2C 1 x SMBus 2 x Serial (TX/RX)

Audio	HD Audio
Ethernet	1 x Intel® I210 (10/100/1000Mbps)
USB	1 x USB 3.0 8 x USB 2.0
Storage	2 x SATA 2.0
eMMC	1 x 4GB/8GB/16GB/32GB eMMC (available upon request)
DIO	1 x 8-bit DIO
Power	4.75V~20V, 5VSB, VCC_RTC (ATX mode) 4.75V~20V, VCC_RTC (AT mode)
OS Support	Windows 7 Ultimate x86 & SP1 (32-bit) Windows 7 Ultimate x64 & SP1 (64-bit) Windows 8.1 Enterprise x86 (32-bit) Windows 8.1 Enterprise x64 (64-bit)
Operating Temperature	0 to 60°C
Dimensions	COM Express® Mini 84mm (3.30") x 55mm (2.16")
Compliance	PICMG COM Express® R2.1, Type 10