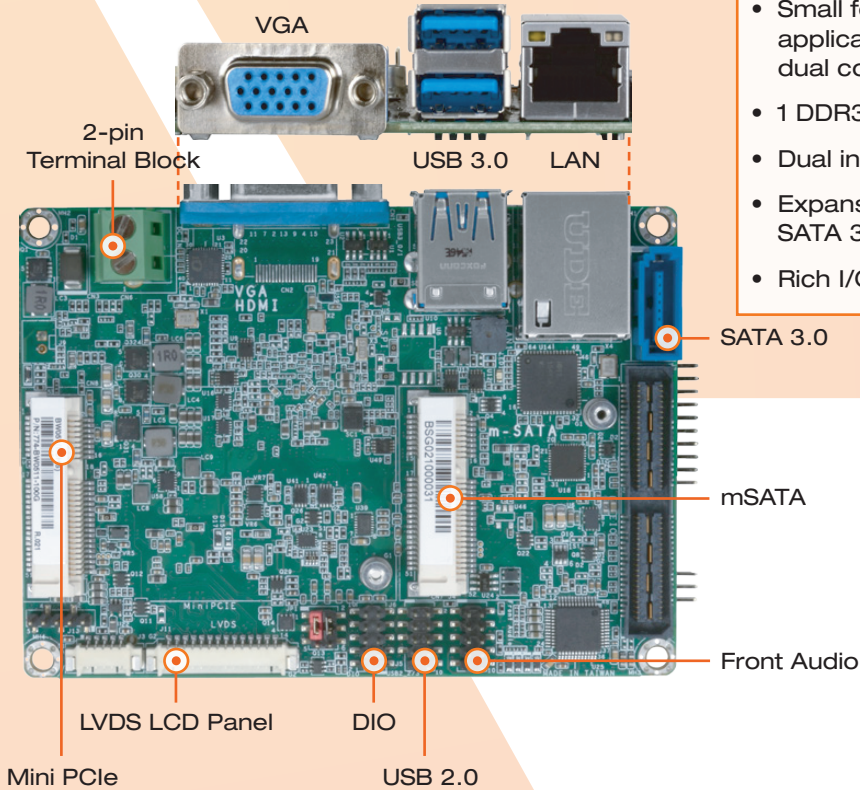


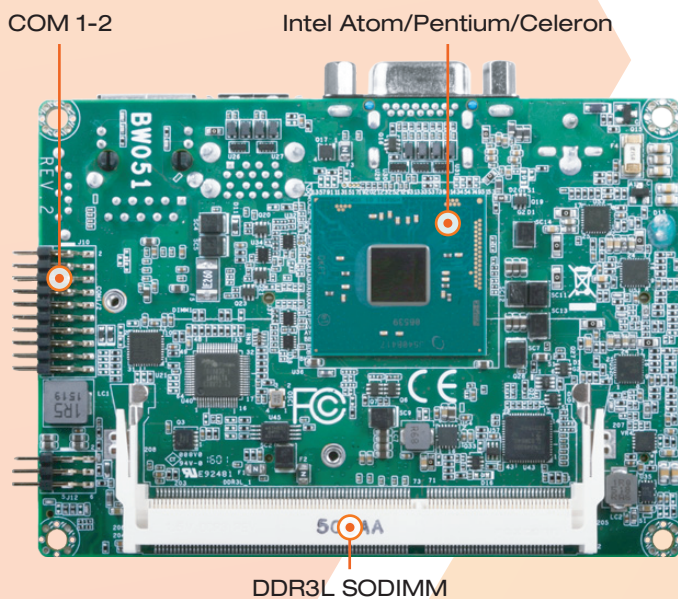
TOP VIEW:



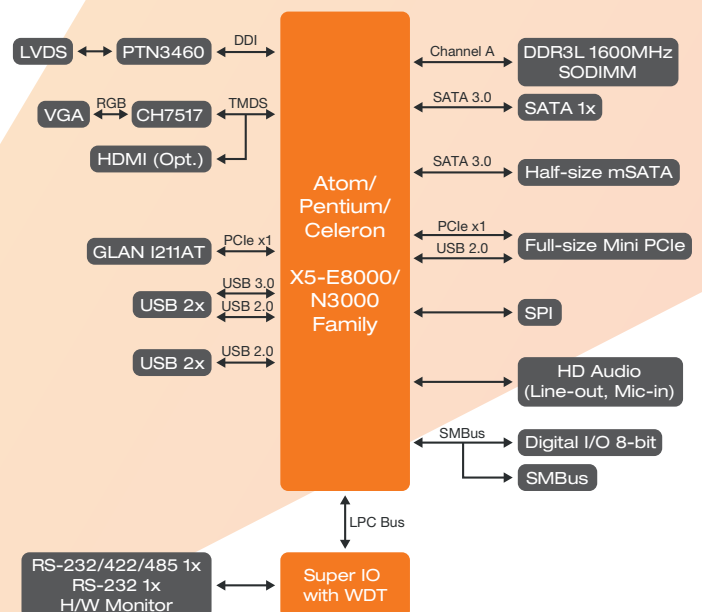
FEATURES:

- Small form factor 2.5" Pico-ITX for space-limited applications, latest (2016) fanless Braswell quad/dual core processor
- 1 DDR3L SODIMM up to 8GB
- Dual independent displays: VGA/HDMI + LVDS
- Expansion and Storage: 1 Mini PCIe, 1 mSATA, 1 SATA 3.0
- Rich I/O: 1 Intel GbE, 2 COM, 2 USB 3.0, 2 USB 2.0

BOTTOM VIEW:



BLOCK DIAGRAM:



SYSTEM:	Processor	Standard: Intel® Celeron® Processor N3060, Dual Core, 2M Cache, 1.6GHz (2.48GHz), 6W Intel® Celeron® Processor N3160, Quad Core, 2M Cache, 1.6GHz (2.24GHz), 6W Built to order: Intel® Atom™ Processor x5-E8000, Quad Core, 2M Cache, 1.04GHz, 5W Intel® Pentium® Processor N3710, Quad Core, 2M Cache, 1.6GHz (2.56GHz), 6W Intel® Celeron® Processor N3010, Dual Core, 2M Cache, 1.04GHz (2.24GHz), 4W	
	Memory	One 204-pin SODIMM up to 8GB	Single Channel DDR3L 1600MHz
	BIOS	Insyde SPI 64Mbit	
GRAPHICS:	Controller	Intel® HD Graphics	
	Feature	OpenGL 4.2, Direct X 11.1, OpenCL 1.2, OGL ES 3.0 HW Decode: H.264, MPEG2, VC1, VP8, H.265, MPEG4 HW Encode: H.264, MPEG2, MPEG4	
	Display	1 x VGA/HDMI (HDMI available upon request) 1 x LVDS single channel 24-bit	VGA: resolution up to 1920x1200 @ 60Hz HDMI: resolution up to 1920x1080 @ 60Hz LVDS: resolution up to 1366x768 @ 60Hz
	Dual Displays	VGA + LVDS	HDMI + LVDS
EXPANSION:	Interface	1 x Half-size mSATA (SATA) 1 x Full-size Mini PCIe (PCIe/USB)	
AUDIO:	Audio Codec	Realtek ALC888S-VD2-GR	
ETHERNET:	Controller	1 x Intel® I211AT PCIe (10/100/1000Mbps)	
REAR I/O:	Ethernet	1 x GbE (RJ-45)	
	USB	2 x USB 3.0	
	Display	1 x VGA/HDMI (HDMI available upon request)	
INTERNAL I/O:	Serial	1 x RS-232/422/485 (RS-232 w/ power) (2.0mm pitch, right angle type) 1 x RS-232 (2.0mm pitch, right angle type)	
	USB	2 x USB 2.0 (2.0mm pitch)	
	Display	1 x LVDS LCD Panel Connector	
	Audio	1 x Audio (Line-out/Mic-in)	
	SATA	1 x SATA 3.0 (up to 6Gb/s)	
	DIO	1 x 8-bit DIO	
	SMBus	1 x SMBus	
WATCHDOG TIMER:	Output & Interval	System Reset, Programmable via Software from 1 to 255 Seconds	
SECURITY:	TPM	Available Upon Request	
POWER:	Type	Single 12V +/-10% DC	
	Connector	2-pin Terminal Block	
	Consumption	TBD	
	RTC Battery	Lithium 3V (210mAH)	
OS SUPPORT:		Windows 7 (32/64-bit)	WES 7
		Windows 8.1 (64-bit)	WE8S
		Windows 10	IoT
ENVIRONMENT:	Temperature	Operating: 0 to 60°C	Storage: -40 to 85°C
	Humidity	Operating: 5 to 90% RH	Storage: 5 to 90% RH
MECHANICAL:	Dimensions	2.5" Pico-ITX Form Factor	100mm (3.94") x 72mm (2.83")