

Pico-ITX, SBC, Mini-ITX, COM Express

Form Factor	2.5" Pico-ITX	3.5" SBC	Mini-ITX		COM Express Compact
Chipset	N/A	N/A	N/A		N/A
Platform	Atom	Atom	Atom		Atom
Model	BW051	BW551	BW171	BW173	BW968
			same PCB		
Processor	Intel® Pentium®/Celeron® Processor N3000 Family				
Memory	1 DDR3L SODIMM up to 8GB	1 DDR3L SODIMM up to 8GB	2 DDR3L SODIMM up to 8GB		2 DDR3L SODIMM up to 8GB
Display	1 VGA*/HDMI, 1 LVDS	1 VGA, 1 LVDS, 1 DP++	1 VGA, 1 LVDS, 1 DP++*/eDP		1 VGA*/DDI, 1 LVDS*/eDP, 1 DDI
GbE	1	2	2		1
Expansion	1 full-size Mini PCIe (USB, PCIe) 1 half-size mSATA (SATA) 1 SMBus 1 DFI Extension I/O	1 half-size Mini PCIe (USB, PCIe) 1 full-size mSATA (USB, SATA) 1 microSIM 1 SMBus 1 DFI Extension I/O	1 PCIe x1 1 full-size mSATA (USB, SATA) 1 full-size Mini PCIe (USB, PCIe) 1 SIM 1 SMBus 1 LPC		3 PCIe x1 1 LPC 1 SMBus 1 I ² C 2 UART 1 SPI
SATA	1 SATA 3.0	1 SATA 3.0	2 SATA 3.0		2 SATA 3.0
USB	2 USB 3.0 2 USB 2.0	4 USB 3.0 2 USB 2.0	4 USB 3.0 5 USB 2.0		4 USB 3.0 8 USB 2.0
COM	1 RS-232/422/485 1 RS-232	2 RS-232/422/485 2 RS-232	1 RS-232/422/485 3 RS-232		N/A
Parallel	N/A	N/A	N/A		N/A
DIO	8-bit	8-bit	8-bit		8-bit
SSD	N/A	N/A	N/A		N/A
IDE	N/A	N/A	N/A		N/A
Audio	Line-out, Mic-in	Line-out, Mic-in	Mic-in, Line-out		HD Audio
AMT	N/A	N/A	N/A		N/A
TPM	N/A	N/A	optional		optional
Power	12V DC-in	12V DC-in	12V DC-in	15~36V DC-in	12V/5VSB (ATX), 12V (AT)
Compliance	N/A	N/A	N/A		Compact R2.1 Type 6
Carrier Board	N/A	N/A	N/A		COM332-B
Operating Temp.	0 to 60°C	0 to 60°C	0 to 60°C		0 to 60°C

*Populated by Default