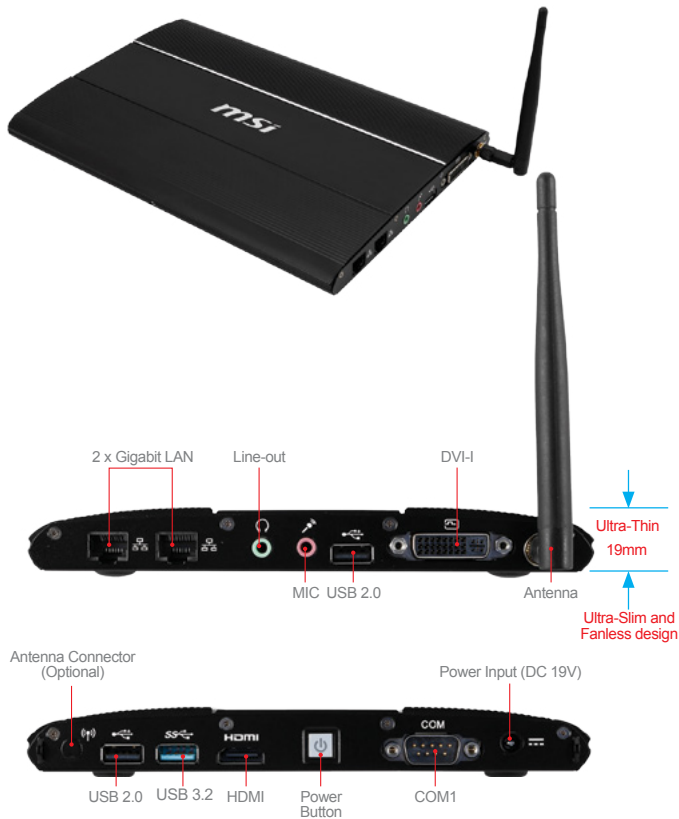


# MS-9A65

Ultra-Slim & Featherweight Fanless Box PC with Intel® BayTrail Platform for Low-Power for Digital Signage

## WindBOX II Advanced



### Features

- Intel® Bay Trail-D Series SoC
- 2 DDR3L 1333 MHz SODIMM slots up to 8GB
- Dual independent displays: DVI-I, HDMI
- 2 GbE LAN with RJ-45
- 1 Mini-PCIe (Full size, with mSATA, SIM Holder), 1 Mini-PCIe (Half size) slots
- mSATA, SATA 2.0 (2.5" SSD/HDD, 7mm) for storage
- USB 3.2 Gen 1, 2 USB 2.0, COM(RS485), Audio
- DC-IN 19V
- Ultra-Slim & fanless design with thinness 19mm

### Ordering Information

Part Number	Description
9S9-9A65-001	MS-9A65(709-9A65-010)829-9A65-001 STD VER 1.0, WindBOX II, FANLESS, BAYTRAIL J1900, MEMORY 2GB, HDD 500GB, WIRELESS LAN, MSI LOGO, BLACK, 1*ANTENNA, CD, ADAPTER 19V/65W, POWER CORD USA, SINGLE
9S9-9A65-002	MS-9A65(709-9A65-010)829-9A65-002 OPT.A VER 1.0, WindBOX II, FANLESS, BAYTRAIL J1900, MEMORY 2GB, HDD 500GB, WIRELESS LAN, MSI LOGO, BLACK, 1*ANTENNA, CD, ADAPTER 19V/65W, POWER CORD EU, SINGLE

### Packing List

Part Number	Description	Quantity
G71-SEDC136-X03	Driver CD	1
K33-3001020-I45/ K33-3001021-I45	Power Cord, USA, 1800mm/ Power Cord, EU, 1800mm	1
S93-0401680-S14	19V/65W DOE VI Adaptor	1
S79-0000360-V03	Antenna	1
E24-9A14090-K23	Cable Tie	2
E22-9A95080-C22	VESA Mounting Bracket	1

### Specifications

<b>System Processor</b>	CPU	Intel® Celeron® Processor J1900, QC, 10 W
	Frequency	2 GHz~2.42 GHz
	L2 Cache	2MB
	CPU Type	BGA
	Chipset	N/A
<b>Memory</b>	Technology	Dual-channel DDR3L 1333MHz
	Max. Capacity	Up to 8GB
	Socket	2 x 204-pin SO-DIMMs
<b>Graphic</b>	Controller	Intel® HD Graphics
	Graphic Memory	Depends on CPU
	Multiple Display	2 independent displays
	Display Interface	HDMI up to 1920 x 1080 @60Hz DVI-I up to 1920 x 1200 @60Hz
<b>Ethernet</b>	Controller	2 x Intel® I210-AT GbE
<b>Audio</b>	Controller	Realtek® ALC887 HD Audio Codec
<b>H/W Monitor</b>	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
<b>TPM</b>	Controller	N/A
<b>Expansion Slot</b>	M.2	N/A
	Mini-PCIe	1 x Full-size (w/ mSATA or SIM holder) 1 x Half-size
<b>Storage</b>	SATA	1 x 2.5" HDD/SSD
	mSATA	1
<b>I/O Interface</b>	RJ-45	2
	PoE	N/A
	Audio	1 x Mic-in 1 x Line-out
	USB	2 x USB 2.0 1 x USB 3.2 Gen 1
	Serial	1 x COM port COM1: RS-232/422/485, 0V/5V/12V
	GPIO	N/A
	CANbus	N/A
	HDMI	1
	DVI	1 (DVI-I)
	Antenna	1 (opening reserved for 2nd antenna)
<b>Power Supply</b>	DC Input	DC-in 19V
	AC Input	N/A
<b>Environment</b>	Operating Temperature	0 ~ 40°C (HDD) -10 ~ 60°C (SSD)
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
<b>Physical Characteristics</b>	Vibration	Operating: 0.25 Grms, 5-300Hz, 3axes (w/ HDD)
	Shock	Operating: 3 G, half sine 11 ms duration (w/ HDD)
	Dimensions (W x D x H)	180 x 255 x 19mm
<b>Certification</b>	Weight	1.30 kg
	Mounting	VESA mount
	EMC	FCC, CE, RCM, VCCI, BSMI
<b>Software Platform</b>	Safety	BSMI, CB, Energy Star
	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (64-bit)

Industrial Computer  
COM Express Board  
Qseven Board  
Pico-ITX Board  
3.5" Board  
EPIC Board  
PICMG Board  
Mini-ITX Board  
Micro-ATX Board  
ATX Board  
Compact-Size LVD/S/DVI  
Compact-Size DC/DC  
Full-Size Mini-PCIe  
Intel® SDM