

# MS-9A75

Slim Industrial Fanless Computer with Intel® BDW ULT, High Performance & Low-Power for 4K2K Digital Signage

## WindBOX III Advanced



### Features

- Slim and fanless system design with 33mm thinness
- 5th Gen Intel® Broadwell ULT Core i7/i5/i3, Celeron Processor
- Support DDR3L SO-DIMM up to 16GB memory
- 3 independent displays: 2 DP and 1 DVI-I (support DVI-D and VGA via Y cable)
- 2 x GbE LAN, 4 x USB 3.0 and 2 x USB 2.0, 1 x COM, audio, and lockable DC jack
- Mini-PCIe slots for WiFi, 3G, or mSATA cards
- Flexible design for easy maintenance on 2.5" HDD/SSD, memory & 2 full size mini-PCIe
- DC-in 19V/65W adaptor

### Ordering Information

Part Number	Description
9S9-9A75-001	I5-5200U, 1*COM, MEMORY 2GB, HDD 500GB, WIRELESS LAN, 19V/65W ADAPTER, POWER CORD EU
9S9-9A75-003	I5-5200U, 1*COM, MEMORY 2GB, HDD 500GB, WIRELESS LAN, 19V/65W ADAPTER, POWER CORD USA
9S9-9A75-004	I5-5200U, 2*COM, MEMORY 4GB, HDD 500GB, WIRELESS LAN, 19V/65W ADAPTER, POWER CORD USA
939-9A75-001	I5-5200U, 1*COM, WIRELESS LAN, 19V/65W ADAPTER, POWER CORD EU
939-9A75-002	I5-5200U, 1*COM, WIRELESS LAN, 19V/65W ADAPTER, POWER CORD USA

### Specifications

<b>System Processor</b>	CPU	Intel® BDW ULT Core™ i5-5200U Processor, Dual Core, 15W
	Frequency	2.2 GHz, up to 2.7 GHz
	L2 Cache	3MB
	CPU Type	BGA
	Chipset	N/A
<b>Memory</b>	Technology	Dual-channel for DDR3L 1333/1600 MHz
	Max. Capacity	Up to 16 GB
	Socket	2 x 204-pin SO-DIMMs
<b>Graphic</b>	Controller	Intel® HD Graphics 5500
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	Multiple Display	3 independent displays
<b>Display Interface</b>	DP	DP up to 3840 x 2160
	VGA	VGA up to 1920 x 1200
<b>Ethernet</b>	Controller	1 x Intel® I218LM GbE LAN PHY 1 x Intel® I210-AT GbE LAN
<b>Audio</b>	Controller	Realtek® ALC887/888S HD Audio Codec
<b>H/W Monitor</b>	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
<b>TPM</b>	Controller	Infineon SLB9635TT 1.2
<b>Expansion Slot</b>	Mini-PCIe	2 x Full-size (one w/ SIM holder or mSATA)
<b>Storage</b>	SATA	1 x 2.5" HDD/SSD
	mSATA	1 (shared with mini-PCIe)
<b>I/O Interface</b>	RJ-45	2
	Audio	1 x Mic-in 1 x Line-out
	USB	SKU1: 4 x USB 3.0; 2 x USB 2.0 SKU2: 4 x USB 3.0
	Serial	SKU1: 1 x COM port, RS-232/422/485 SKU2: 2 x COM ports COM1: RS-232/422/485 COM2: RS-232
	HDMI	N/A
	DVI	1 (DVI-I)
	DisplayPort	2
	VGA	1 (from DVI-I)
	Antenna	2
	<b>Power Supply</b>	DC Input
AC Input		N/A
<b>Environment</b>	Operating Temperature	-10 ~ 50°C (SSD), -10 ~ 40°C (HDD)
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
	Vibration	Operating, 0.25 Grms, 5-300Hz, 3axes (w/ HDD)
<b>Shock</b>	Operating	3 G, half sine 11 ms duration (w/ HDD)
	Storage	3 G, half sine 11 ms duration (w/ HDD)
<b>Physical characteristics</b>	Dimensions	196mm x 285mm x 33mm
	Weight	2.60 kg
	Mounting	VESA mount
<b>Certification</b>	EMC	FCC, CE, C-Tick, VCCI, BSMI
	Safety	BSMI, CB, Energy Star
<b>Software Platform</b>	OS Support	Windows 7 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (32/64-bit) Linux Fedora Core 21 Ubuntu 15.04

### Packing List

Part Number	Description
E22-9A25031-C22	VESA Mounting Bracket
K33-3001020-I45/ K33-3001021-I45	Power Cord, USA, 1800mm/ Power Cord, EA, 1800mm
S79-0000360-V03	RF Antenna
S93-0401690-S14	Adaptor
G71-SEDC141-X03	Driver CD