

MS-9A75

Slim Industrial Fanless Box PC 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

System Processor	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
Memory	BIOS	AMI
	Technology	Dual-channel for DDR3L 1333/1600 MHz
	Max. Capacity	Up to 16 GB
	Socket	2 x 204-pin SO-DIMMs
Graphic	Controller	Intel® HD Graphics 5500
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
	Multiple Display	3 independent displays
	Display Interface	DP up to 3840 x 2160 DVI-D up to 1920 x 1200 VGA up to 1920 x 1200
Ethernet	Controller	1 x Intel® I218LM GbE LAN PHY 1 x Intel® I210-AT GbE LAN
Audio	Controller	Realtek® ALC887/888S HD Audio Codec
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	Yes
TPM	Controller	Infineon SLB9635TT 1.2
Expansion Slot	M.2	N/A
	Mini-PCIe	2 x Full-size (one w/ SIM holder or mSATA)
Storage	SATA	1 x 2.5" HDD/SSD
	mSATA	1 (shared with mini-PCIe)
I/O Interface	RJ-45	2
	PoE	N/A
	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
	GPIO	N/A
	CANbus	N/A
	HDMI	N/A
	DVI	1 (DVI-I)
	DisplayPort	2
VGA	1 (from DVI-I)	
Antenna	2	
Power Supply	DC Input	DC-in 12V/19V/24V
	AC Input	N/A
	IP Rating	Full IP40
Environment	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)
Physical characteristics	Shock	Operating, 3 G, half sine 11 ms duration (w/ HDD)
	Dimensions	196mm x 285mm x 33mm
	Weight	2.60 kg
Certification	Mounting	VESA mount
	EMC	FCC, CE, RCM, VCCI, BSMI
Software Platform	Safety	BSMI, CB, Energy Star
	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

HMI Panel PC
 Embedded System
 Embedded Board
 Semi-rugged Terminal
 POS System
 COM Express Board
 Osween Board
 Pico-ITX Board
 3.5" Board
 EPIC Board
 PICMG 1.0 Board
 Mini-ITX Board
 Micro-ATX Board
 ATX Board