

# MS-9A95

Slim Fanless Box PC with Intel® Skylake/Kaby Lake ULT, High Performance & Low-Power for 4K2K Digital Signage, KIOSK, Automation & AIoT Edge Computer

## WindBOX IV Advanced

NEW



### Features

- Intel® 7th/6th Gen Kaby Lake-U/Skylake-U Series
- 2 DDR4 2133 MHz SODIMM slots up to 32GB
- Triple independent displays: DVI-I, 2 DP(2 HDMI by option)
- HDMI 2.0
- 2 GbE LAN with RJ-45
- 1 M.2 E Key, 1 Mini-PCIe (Full size, with mSATA/SIM Holder) slots, 1 Mini-PCIe (Half size) slots
- mSATA, 1 SATA 3.0 (2.5" SSD/HDD, 7mm) for storage
- 4 USB 3.2 Gen 1, 2 USB 2.0, 2 COM, Audio, S/PDIF
- Onboard TPM 1.2
- Easy access all on bottom side for 2 Memory, 2 Mini-PCIe, SIM Card Slot, 2.5"HDD
- Cableless design with proprietary board
- DC-IN 19V
- Slim & fanless design with thinness 29mm

### Ordering Information

Part Number	Description
Please check MSI IPC website at <a href="http://ipc.msi.com">http://ipc.msi.com</a> for details.	

### Packing List

Part Number	Description	Quantity
S93-0401690-S14	Adaptor 19V/65W	1
K33-3001020-I45/ K33-3001021-I45	Power Cord, USA, 1800mm/ Power Cord, EU, 1800mm	1
E22-9A95080-C22	VESA Mounting Bracket	1
E41-1406003-P65	VESA Mounting Screw	4
E24-9B02010-P09	DIN Rail	2
E41-1356002-P65	DIN Rail Screw	4

### Optional Item

Part Number	Description
S79-0000360-V03	RF Antenna

### Specifications

<b>System Processor</b>	CPU	7th/6th Gen Intel® Mobile Kaby Lake-U/ Skylake-U Core™ i7/i5/i3/ Celeron® Processor, DC, 15W
	Frequency	2.0 GHz~3.9 GHz (Depends on CPU)
	L2 Cache	2MB~4MB (Depends on CPU)
	CPU Type	BGA
	Chipset	Integrated
<b>Memory</b>	BIOS	AMI
	Technology	Dual-channel DDR4 2133 MHz
	Max. Capacity	Up to 32GB
<b>Graphic</b>	Socket	2 x 260-pin SO-DIMMs
	Controller	Intel® HD Graphics
	Graphic Memory	Depends on CPU
	Multiple Display	3 independent displays
<b>Ethernet</b>	Display Interface	HDMI 2.0 up to 4096 x 2160 @60Hz DP up to 4096 x 2304 @60Hz DVI-I up to 1920 x 1200 @60Hz
	Controller	1 x Intel® I219-LM GbE LAN PHY 1 x Intel® I210-AT GbE LAN
<b>Audio</b>	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
<b>H/W Monitor</b>	Watchdog Timer	256-level Watchdog Timer
	Smart Fan	N/A
<b>TPM</b>	Controller	Infineon SLB9665TT2.0
	M.2	1 x E key (PCIe x2, USB 2.0), 2230
<b>Expansion Slot</b>	Mini-PCIe	1 x Full-size (one w/ SIM holder or mSATA) 1 x Half-size
	SATA	1 x 2.5" HDD/SSD
<b>Storage</b>	mSATA	1 (shared with mini-PCIe)
	RJ-45	2
<b>I/O Interface</b>	PoE	N/A
	Audio	1 x SPDIF-out 1 x Line-out (Mic-in by AP driver)
	USB	2 x USB 2.0 4 x USB 3.2 Gen 1
	Serial	2 x COM ports COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232, 0V
	GPIO	N/A
	CANbus	N/A
	HDMI	2 (Co-lay with DP)
	DVI	1 (DVI-I)
	DisplayPort	2 (Colay with HDMI)
	VGA	1 (DVI-I to VGA dongle)
<b>Power Supply</b>	Antenna	2 openings reserved for antennas
	DC Input	DC-in 19V with Lockable DC Jack
	AC Input	N/A
<b>Environment</b>	IP Rating	Full IP40
	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
<b>Physical characteristics</b>	Vibration	Operating: IEC 60068-2-64: 2 Grms, 5 ~ 500 Hz, 1hr/axis (w/ SSD)
	Shock	Operating: IEC 60068-2-27: 50G, half sine, 11ms (w/ SSD)
	Dimensions (W x D x H)	196 x 285 x 29mm
<b>Certification</b>	Weight	2.25 kg
	Mounting	VESA/Wall mount, DIN Rail
<b>Software Platform</b>	EMC	FCC, CE, RCM, VCCI, BSMI
	Safety	BSMI, CB, Energy Star
<b>OS Support</b>	OS Support	Windows 7 (32/64-bit) Windows 8.1 (64-bit) Windows 10 (64-bit) Linux Fedora 25 Linux Ubuntu 17.04