

MS-9A95

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

WindBOX IV Advanced

NEW



Features

- Slim and fanless system design with 29mm thickness
- Intel® Skylake/Kaby Lake Mobile U series, low power solution, TDP 15W
- Supports 2 x DDR4 SO-DIMM up to 32GB memory
- 3 independent display: 2 x DP/HDMI, 1 x DVI-I
- TPM 2.0 on board
- Cableless design with proprietary board
- 2 x GbE LAN, 4 x USB 3.0 and 2 x USB2.0, 2 x COM, audio, and lockable DC jack
- Mini-PCIe slots for mSATA Cards, 3G/4G ; M.2 slot for WiFi
- Storage: 1 x mSATA and 2.5" HDD/SSD for flexible use
- Easy maintain for 2x Memory, 2 x Mini-PCIe, SIM Card Slot, 2.5"HDD (all on bottom side)

Ordering Information

Part Number	Description
Please check MSI IPC website at http://ipc.msi.com 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, EA, 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 Items

Part Number	Description
S79-0000360-V03	RF Antenna

Specifications

System Processor	CPU	7th/6th Gen Intel® Mobile Kaby Lake-U/ Skylake-U Core™ i7/i5/i3/ Celeron® Processor, DC, 15W
	Frequency	2.0GHz~3.9GHz (Depends on CPU)
	L2 Cache	2MB~4MB (Depends on CPU)
	CPU Type	BGA
	Chipset	Integrated
Memory	BIOS	AMI
	Technology	Dual-channel for DDR4 2133 MHz
	Max. Capacity	Up to 32GB
Graphic	Socket	2 x 260-pin SO-DIMMs
	Controller	Intel® HD Graphics
	Graphic Memory	Shared system memory up to 1.7 GB SDRAM
Display Interface	Multiple Display	3 independent displays
	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
Ethernet	Controller	1 x Intel® I219-LM GbE LAN PHY 1 x Intel® I210-AT GbE LAN
Audio	Controller	Realtek® ALC887-VD2-CG HD Audio Codec
H/W Monitor	Watchdog Timer	256-level Watchdog Timer
TPM	Smart Fan	N/A
	Controller	Infineon SLB9665TT2.0
Expansion Slot	M.2	1 x E Key (PCIe x2, USB 2.0), 2230
	Mini-PCIe	1 x Full-size (one w/ SIM holder or mSATA) 1 x Half-size
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 SPDIF-out 1 x Line-out (Mic-in by AP driver)
	USB	4 x USB 3.0 2 x USB 2.0
	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)	
Antenna	2 openings reserved for antennas	
Power Supply	DC Input	DC-in 19V with Lockable DC Jack
	AC Input	N/A
Environment	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
	Vibration	Operating: IEC 60068-2-64: 2 Grms, 5 ~ 500 Hz, 1hr/axis (w/ SSD)
Physical characteristics	Shock	Operating: IEC 60068-2-27: 50G, half sine, 11ms (w/ SSD)
	Dimensions (W x D x H)	196 x 285 x 29mm
	Weight	2.25 kg
Certification	Mounting	VESA/Wall mount, DIN Rail
	EMC	FCC, CE, RCM, VCCI, BSMI
Software Platform	Safety	BSMI, CB, Energy Star
	OS Support	Windows 7 (32/64-bit) Windows 8.1 (64-bit) Windows 10 (64-bit) Linux Fedora 25 Linux Ubuntu 17.04