

## » KBox B-101 «



### Wallmount / Table Top

- » Up to i7 4th generation
- » Removable HDD/SSD
- » AC Input
- » 1x PCI\_e x16 Low Profile

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### Wallmount / Table Top

Kontron's KBox B-101 can be used for various applications such as digital signage, gaming, process control or various embedded applications. The KBox B-101 is specifically designed for use in performance demanding applications. The KBox B-101 features long life support based on the latest Intel® embedded 4th Generation platforms. Due to the huge amount of on board I/Os and extensions like 2x GB LAN,

8x USB 2.0, 2x USB 3.0, 2x COM, expandability by MSata, Mini PCI\_e and, PCI\_e x16 KBox B-101 enables connectivity for most of all applications. Long term availability, easy maintenance and serviceability protect your investment. These embedded Box PC's save power and space and offer efficient performance ideal for factory automation.

Technical Information		
<b>Processor System</b>	CPU	Up to i7 4th generation
	Max. Speed	Up to 3.1 GHz
	L2 Cache	Up to 8M
	System Chipset	Intel® DH82H81 PCH
<b>Memory</b>	BIOS	Phoenix BIOS (EFI core version)
	Technology	PC3-10600/PC3-12800 support
	Max. Capacity	16 GB
<b>Graphics</b>	Socket	DDR3 DIMM 240pin socket (2 sockets)
	Chipset	Intel® i5 & i7 4rd Generation Desktop processors support Intel® HD Graphics 4600.
	Graphic Engine	DirectX® 9 and OpenGL3.0 support, Hardware decode H/W acceleration: MPEG2, H/W Decode/Acceleration: H.264/VC1/WMV9
<b>Ethernet</b>	Display	2x DP (DisplayPorts), comply with DisplayPort 1.2 specification
	LAN1	10/100/1000 Mbps Intel® 82583V Ethernet controller, support Wake On Lan
<b>Audio</b>	LAN2	10/100/1000 Mbps Intel® 82583V Ethernet controller, support Wake On Lan
	Interface	Audio, 7.1 Channel High Definition Audio Codec using the VIA VT1708S codec
<b>IO Interface</b>	Serial Ports	Two Serial ports (RS232)
	USB Interface	2x USB 3.0, 8x USB 2.0
<b>Expansion</b>	Mini PCIe, PCI_e	1x full size MINI PCI_e, 1x MSATA in MINI PCI_e, 1x PCI_e x16 Low Profile
	<b>Storage</b>	HDD
<b>Software Support</b>		SSD
	<b>Power Requirement</b>	Microsoft Windows, Linux
<b>Power Consumption</b>		Power Type
	<b>Mechanical</b>	Power Input Voltage
<b>Environment</b>		Typical
	Max.	140 Watt
	Construction	Steel
	Mounting	Desktop/Wall Mounting
<b>Environment</b>	Dimensions (W x H x D)	280 x 100 x 230 mm (11.02" x 3.94" x 9.06")
	Weight	3,5 kg (7.71 lb)
	Operating Temperature	0°C to 45°C (32°F to 113°F)
	Storage Temperature	-25°C to 70°C ( -13 to 158° F)
	Relative Humidity	95% @ 40° C (non-condensing)
	EMC	CE
Safety Certifications	EN 60950	

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