

# SBOX-2620-V8

Intel Gen4 Core i7-4650U with HD 5000 GPU / 2xLAN/ HDMI/ DVI/ VGA/ 8xD1 Video Input/ DC 9-36V Fanless Box PC



- Intel Gen4 CPU
- 8xVideo Input
- DDR3L 1600
- DVI / HDMI
- DC 9-36V
- Dual GbE Lan

## Features

- Intel Core i7-4650U / Core i5-4300U
- Triple Display Output (DVI / HDMI / VGA)
- Support 8 x D1 Video Input Camera
- Dual Gigabit Ethernet and 2 x RS-232
- Wide Range Operating Temp. : -30~60°C
- Ultra Slim(48mm), Compact Size and Fanless
- DC 9-36V Power Input

## System

<b>CPU</b>	Intel Gen 4 Core i7-4650U 1.7GHz up to 3.3GHz Intel Gen 4 Core i5-4300U 1.9GHz up to 2.9GHz Intel Gen 4 Core i3-4010U 1.7GHz Intel Gen 4 Dual Core Celeron 2980U 1.6GHz
<b>Memory</b>	1 x DDR3L-1600 SO-DIMM up to 8GB
<b>Chipset</b>	N/A
<b>Graphics</b>	Intel HD Graphics
<b>ATA</b>	2 x Serial ATA ports with 6Gb/s HDD Transfer Rate
<b>LAN Chipset</b>	2 x Intel i210-AT Gigabit Ethernet
<b>Watchdog</b>	1 ~ 255 Level Reset

## DVR Specification

<b>Video Input</b>	8 Channels (8 x BNC Connectors)	
<b>Video Recording</b>	Total 240FPS (NTSC), 200FPS (PAL) @ D1 Real-Time	
<b>Video Display</b>	Total 240FPS (NTSC), 200FPS (PAL) @ D1	
<b>Resolution Format</b>	NTSC	PAL
<b>(S/W MPEG4 or S/W H.264)</b>	720x480x30FPS	720x576x25FPS
	704x480x30FPS	704x576x25FPS
	640x480x30FPS	640x576x25FPS
	720x240x30FPS	720x288x25FPS
	704x240x30FPS	704x288x25FPS
	640x240x30FPS	640x288x25FPS
	360x240x30FPS	360x288x25FPS
	352x240x30FPS	352x288x25FPS
320x240x30FPS	320x288x25FPS	
<b>Audio Input</b>	2 Channel	
<b>Audio Format</b>	MONO / 8 ~ 16BITS / 8000 ~ 48000HZ	
<b>Software</b>	SDK for Windows XP, 7, Linux 2.6.20 or Higher	

## Qualification

<b>Certifications</b>	CE, FCC Class A
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## I/O

<b>Serial Port</b>	1 x RS-232 Ports (1 x RS232/422/485)
<b>USB Port</b>	2 x USB 2.0 Ports and 2 x USB 3.0
<b>LAN</b>	2 x RJ45 Ports for GbE
<b>Video Port</b>	1 x HDMI and DVI-I Output
<b>GPIO Port</b>	4 In and 4 Out GPIO Ports (5V Level)
<b>Audio</b>	Line-Out
<b>Expansion Bus</b>	3 x Mini-card Slots (1 with SIM) for 3G Only

## Software

<b>Operating System</b>	Windows 8.1 32/64, Windows 7 32/64, WES 7, Linux 3.8.X
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## Storage

<b>Type</b>	1 x 2.5" Drive Bay for SATA Type Hard Disk Drive / SSD 1 x SATA DOM
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## Environmental & Mechanical

<b>Operating Temp.</b>	-30 ~ 60°C, ambient w/ air
<b>Storage Temp.</b>	-40 ~ 85°C
<b>Relative Humidity</b>	10 ~ 95% @ 40°C (non-condensing)
<b>Power Input</b>	DC 9-36V Input w/ Reverse Polarity OCP and OVP Protection
<b>Construction</b>	Aluminum Alloy
<b>Mounting</b>	Wall-mount, VESA-mount, Din Rail Mounting Kit
<b>Weight</b>	1200g (Barebone)
<b>Dimensions</b>	182 x 167.6 x 48 mm

## Ordering Information

<b>Part Number</b>	SBOX-2620-V8-000
<b>Description</b>	Intel Gen4 Core i7-4650U with HD 5000 GPU / 2xLAN/ HDMI/ DVI/ VGA/ 8xD1 Video Input/ DC 9-36V Fanless Box PC