

DS87



Compact and robust Digital Signage Player to support 3 displays

Shuttle's new DS87 1.3L slim PC, equipped with Intel® H87 chipset, supports the latest fourth-generation Intel® Haswell/Haswell Refresh 65W processors. With integrated Intel® graphics it can support 4K/Ultra HD video content. DS87 provides multiple I/O ports and high-speed storage interfaces, including USB 2.0, USB 3.0, SATA 6Gbps, RS232/422/485, Mini PCIe, and more. The system features body thickness of only 43mm and supports international VESA Mount standards, designed for easy integration into places with limited space. With built-in heat pipe cooling technology and smart fan, the DS87 is 24/7 certified and operable in 0-50 °C ambient temperatures to ensure high stability and long-term operation.

FORM FACTOR	1.3L chassis	
PROCESSOR	Support Intel Haswell/Haswell refresh Core i3/i5/i7, Pentium, Celeron CPU max. TDP 65W	
CHIPSET	Intel H87 Express chipset	
MEMORY	2 x 204 pin DDR3 SODIMM slots, 8GB per DIMM (Max 16GB) Dual Channel DDR3 1600 Mhz	
VGA	HDMI x1 + DisplayPort x2 Support triple display. 4K playback (Dual channel memory recommended)	
AUDIO	Realtek ALC892 channel High Definition Audio	
ETHERNET	Realtek 8111G X2 100Mb/s and 1Gb/s operation Support Wake-On-LAN function Support Teaming function	
STORAGE INTERFACE	SATA 6.0Gb/s & 3.0Gb/s interface	
ONBOARD CONNECTORS	(1) SATA 6 connectors (1) SATA 3 connector (1) SATA power connector (1) LPC header	(1) 4pin fan connector (1) D-sub connector (1) Front audio header
FRONT PANEL	(4) USB 2.0 ports (1) Microphone-In (1) Earphone-Out (1) Power-On button	(1) Power LED (1) HDD LED (1) SD Card reader
BACK PANEL	(2) RJ45 Gigabit LAN port (2) DisplayPort (1) HDMI (2) USB 3.0 port (2) USB 2.0 port (1) RS232*	(1) RS232/RS422/RS485* (1) External power on/Clear CMOS header (1) DC in (1) Kensington lock (2) Wireless Antenna fixture
DRIVE BAYS	(1) 2.5" HDD / SSD bay	
DIMENSIONS	190(L) x 165(W) x 43(H) mm	
POWER	90W Power Adapter Input: 100- 240V AC Output: 19V 4.47A DC	
ACCESSORIES	XPC Multilanguage Quick User Guide XPC DVD Driver VESA mount VESA mount quick installation guide 1* Power cord 1* SATA cable Screws Optional 802.11b/g/n WLAN module	
EXPANSION SLOT	(1) Full size Mini-PCIE socket (Only support m-SATA) (1) Half size Mini-PCIE socket	
OS SUPPORT	Windows 8.1 Windows 7 Linux	
REMARK	*RS232 ports support totally 500mA, 0/5/12V output. Voltage setting please refer to Quick Guide.	