

# DS81

## A new 4K signage player



For high-performance vertical markets, Shuttle's all-new DS81 has a body thickness of only 43 mm. The compact system supports international VESA Mount standards and can be fit to diverse commercial applications. Shuttle's DS81 equipped with Intel® H81 Express Chipset supports Intel® Haswell 4th generation Core™ i3/i5/i7 65W Processor, built-in DirectX 11.1 compatible with Intel® HD Graphics. The system has built-in display ports to display 4K content and allows users to play ultra-high quality video and multimedia content. To meet the diverse requirements of vertical markets, the DS81 provides a wide range of I/O and high-speed storage interface, including USB2.0, USB3.0,

RS232/422/485, SATA 6Gbps and Mini PCIe. The system adopts Shuttle's exclusive heat pipe cooling module with a smart fan design using only 90W, enabling efficient cooling and high-performance.

FORM FACTOR	1.3L chassis
PROCESSOR	Support Intel Haswell/Haswell refresh Core i3/i5/i7, Pentium, Celeron CPU max. TDP 65W
CHIPSET	Intel H81 Express chipset
MEMORY	2 x 204 pin DDR3 SODIMM slots,8GB per DIMM (Max 16GB) Dual Channel DDR3 1600 Mhz
VGA	HDMI x1 + Display port x1 Support dual 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) Display port (1) HDMI port (2) USB 3.0 ports (2) USB 2.0 ports (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.