Shuttle® First Look

SH81R4

PRODUCT SUMMARY

Shuttle launches the new 8 series model-SH81R4 with excellent performance and strong expandability for diverse applications. The SH81R4 is based on an Intel® H81 Express Chipset and supports Intel® Haswell/Haswell Refresh 95W processors. Only 1/3 the size of a tower PC, the SH81R4 offers versatility and scalability, with one PCI-E x16, one PCI-E x1, and two mini PCIe slots. Maximize the performance of the PC by installing multi-display graphics cards, monitor cards, RAID cards, or WiFi modules and drive video wall, file server, network video recorder applications, and more. The SH81R4 is equipped with an 80 PLUS Bronze certified 300W power supply and Shuttle's exclusive I.C.E. 2 heat pipe technology for highly energy-efficient and stable long-term operation.

KEY FEATURES

- Support Intel® 4th Generation Core™ Processor
- Equipped with Intel® 8 series H81 Chipset
- Intergrated Cooling Engine 2 (I.C.E. 2) Heat pipe techonology
- Supports PCI-E Expansion Cards
- Supports 2x Mini-PCIe Slots
- Supports 4K Ultra HD
  - (Intel® Pentium® and Celeron® processors built-in Intel® HD graphics cannot support 4K video playback capability)
- Dual-Screen Display Outputs
- Flexible Expansion of Hard Disk Installation
- Supports Wake-On-LAN, Power-on by RTC
- 80Plus Bronze Certified 300W Power Supply

PRODUCT AVAILABILITY: AUGUST 2014

FORM FACTOR	Shuttle Form Factor
DIMENSIONS	9.5(L) x 7.9(W) x 2.8(H) Inches
PROCESSOR	Supports Haswell/Haswell resfresh Core i3/i5/i7, Pentium, Celeron LGA 1150 CPU. Max. 95W
CHIPSET	Intel H81 Express Chipset
MEMORY	DDR3 1600 MHz support RAM Socket * 2, Dual channels support up to 16 GB total (8GB*2)
AUDIO	Realtek ALC662 5.1 Channel High Definition Audio
ETHERNET	Realtek RTL 8111E 10Mb/s,100Mb/s,1Gb/s operation Support Wake-ON-LAN function
VGA	Integrated in CPU
STORAGE INTERFACE	SATA 6.0 Gbs SATA 3.0 Gbs
ONBOARD CONNECTORS	(1) 4 Pin fan connector (1) 3 Pin fan connector (2) SATA 6.0 Gbs connectors (2) SATA 3.0 Gbs connectors (1) ATX main power (2*10) (1) ATX main power (2*2) (1) 1x5 pin USB header (1) RS232 header (1) LPC header (1) GPIO header (1) AUX-in header
FRONT PANEL	(2) USB 2.0 Port (1) External microphone jack 1/8" (1) External headphone jack 1/8" Power button HDD/ODD Led
BACK PANEL	(1) HDMI (1) DVI-I (6) USB 2.0 Ports (2) USB 3.0 Ports (1) Line in (1) Line out (1) MIC in (1) LAN (1) CMOS clear button
DRIVE BAYS	(1) 5.25" ODD bay (2) 3.5" HDD bay Support 2.5" x 2 / 4 HDD, if use accessory PHD3 x 1 /2
DIMENSIONS	325(L) x 215(W) x 190(H) mm (w/o foot rubber)
EXPANSION SLOT	(1) PCI-E X16 slot (1) PCI-E X1 open slot (1) Full size Mini-PCIE socket (1) Half size Mini-PCIE socket
POWER	300W 80 Plus Bronze power supply Input:100 - 240V AC
ACCESSORIES	XPC Multi-Language quick guide XPC DVD Driver (include Adobe Reader 8.1) Heat-sink compound Power cord

For more information on all computer products, please contact us at sales@us.shuttle.com or 626.820.9000

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