**Press information**

To download a 300dpi print quality image, go to <http://www.parkfield.co.uk/bvm/ls-37k-print.jpg>

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**BVM’s new LS-37K 3.5” SBC based on 6th generation Skylake and 7th generation Kaby Lake**

**Released 11 October 2017**

Further extending its 3.5” format industrial grade embedded SBC portfolio, BVM has announced the [LS-37K](http://www.bvm.co.uk/ProductDetail.asp?fdProductId=1234), which offers a 30% performance improvement and power reduction over Ivy Bridge based units when using the 6th generation Skylake Core i7/i5/i3 processors, and even higher improvements when based on the latest 7th generation Kaby Lake. The LS-37K also supports the Intel Xeon® E3-1200 v5 processor; all processors are mounted into the new format FCLGA 1151 socket. The LS-37K is aimed at graphics-rich, heavy computing environments where low power consumption is also a primary requirement for fanless operation in kiosks and similar environments. All options run under the Intel C236 chipset, and the LS-37K is the first desktop platform to support a DDR4 DIMM slot with up to 16 GB of memory running at 1866/2133 MHz.

The graphics engine is the Intel® HD Graphics 530 for Skylake versions, the HD 630 for the Kaby Lake or the HD P530 for the Xeon processor. All decode H.265/HEVC video completely in hardware, significantly more efficiently than previous GPUs. The LS-37K provides high-end media and graphics capabilities for videos, 2D/3D graphics and interactive content, with up to three displays using VGA, DVI-I, Display port, HDMI and LVDS interfaces that are independently controllable to provide advanced solutions for imaging, video processing, machine vision and digital signage applications.

Extensive I/O is provided on board. A Gigabit PHY LAN and a Gigabit LAN port, two SATA III ports supporting Raid 0 and 1, a PCIe x16 port, a PCIE Mini card with optional mSATA support, four USB 3.0 and five USB 2.0 ports, five RS232 and a RS232/422/485 serial port are standard. Power is from an external 9 – 30 VDC source.

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**Notes to Editors.**

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