**Press information**

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

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**BVM’s new 8th Generation Coffee Lake 3.5” SBC offers blistering performance**

The new [LS-37L](https://www.bvm.co.uk/ProductDetail.asp?fdProductId=2337) is the latest addition to BVM’s extensive range of industrial grade 3.5” SBCs. The LS-37L is based on the latest 8th Generation Coffee Lake iteration of the Intel Core i7/i5/i3 CPU family, mounted in the LGA1151 socket and running under the Q370 chipset. The Coffee Lake processors have six cores, TDP is up to 65W and its Turbo Boost Technology 2.0 can increase the maximum turbo frequency up to 4.7GHz. Depending on the specific processor model, up to 12MB of cache memory is provided. Up to 16GB of DDR4 DIMM at 2666MHz in a single slot is supported. The integral Intel 9th Generation UHD graphic engine with 24 execution units (EUs) clocked at up to 1150MHz decodes H.265/HEVC completely in hardware, providing fast video acceleration, support for three independent displays and an extensive media codec library. Interconnection is via LVDS, DisplayPort, DVI and HDMI interfaces. The LS-37L is ideal for demanding applications where high computing and graphics performance is required such as video gaming, virtual reality, digital signage, medical imaging, visual QA in manufacturing environments and other graphics-intensive areas.

Extensive I/O is provided on board. The LS-37L has a Gigabit PHY LAN and a Gigabit LAN port, two SATA III ports, four high-speed 10Gb/s USB3.1 ports, four RS232 and two RS232/422/485 serial ports. Four USB2.0 ports, High Definition Audio, a PCIe Mini card with optional mSATA support and a SIM slot are also provided as standard. Power is from an external 9 – 25 VDC source.

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**Notes to Editors.**

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Technical and sales contact for publication:

David Harding

BVM Limited

Lakeside House

Waltham Business Park

Brickyard Road

Swanmore

SO32 2SA

t: + 44 (0)1489 780144

f: + 44 (0)1489 783589

sales@bvmltd.co.uk

<http://www.bvm.co.uk/>

Editorial contact:

Rod Clarke

t: + 44 (0)1489 780144

rod\_c@bvmltd.co.uk

Agency contact:

Nigel May

Parkfield Communications Ltd

Parkfield House

Damerham

Hants

SP6 3HQ

t: + 44 (0)1725 518321

f: + 44 (0)1725 518378

nigel.may@parkfield.co.uk

[www.parkfield.co.uk](http://www.parkfield.co.uk)