

LGB10/LGB11

RUGGED MINIATURIZED COMPUTERS



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The **LGB-10** and **LGB-11** are mil-rugged mini computers designed for harsh environments where optimal SWAP-C is required. Based on an Intel Atom CPU running Windows or Linux.

LGB-11 applications include Dismounted Soldier Systems, UGVs or Light Vehicle C2 Computer.



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INNOVATING SOLUTIONS

LGB10/LGB11

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	Lgb10	Lgb11
Processor	Intel Atom 1.1/1.6GHZ 1GB RAM	Intel Atom 1.1/1.6GHZ 2GB RAM
OS	Windows or Linux.	
HDD	512MB to 2GB NAND flash. 8GB to 32GB Solid state SATA.16GB to 32GB Micro SD	512MB to 42GB NAND flash. 8GB to 256GB Solid state SATA.16GB to 64GB Micro SD
Audio	Intel® High Definition Audio (24 bit / 96 kHz)	
Graphics	Intel® (Graphics) GMA500, MPEG2 (HD) / H.264 decoder. Graphic memory up to 256Mb	
		Independent video processor for streaming and video overlay (iMX6 based)
I/O	1 x Ethernet 10/100/1000. 2 x RS232. 4 x USB 2.0. 1 x Audio input. 1 x Audio output (internal audio mixer). Dual VGA output. 1 x VGA input (integrated VGA switch)	3 x External ethernet 10/100 (Integrated internal 5 port ethernet switch). 3x RS232. 2 x USB 2.0. 1 x Audio input. 1 x Audio output (internal audio mixer). 1 x VGA input (integrated VGA switch). Bluetooth 4.2, Wifi (2.4 and 5GHz band).
Power	9,6 to 14V. 7W full performance, 4W low power mode	7.4 to 36V . 14W full performance, 8W low power mode. Management of dual battery sources (SMBus Interface)
Dimensions & Weight	145 x 132 x 37 mm. 850g.	150 x 90 x 43mm. 550g
Case	AL6082 aluminium.	
Environ.	MIL-STD-461E, MIL-STD-810F, IP68	

