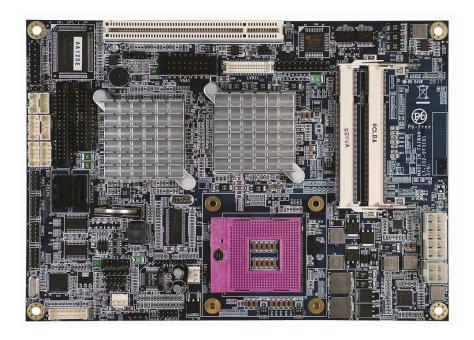




LB-731LF

Intel® Core 2 Duo Embedded Board w/VGA/Audio/LAN



FEATURES

- Intel Core 2 Duo / Celeron M
- Intel ICH9M Chipset
- VGA & LVDS
- 2 x SO-DIMM up to 4GB
- 1 x PCI

BRIEF PRODUCT DESCRIPTION

The LB-731LF from Protech is a full function 5.25" EBX single board computer based on the Intel GM45 + ICH9M chipset utilising the Intel Socket 479 Core 2 Duo and Celeron M processors. The Intel Integrated Graphics supports VGA and LVDS alongside dual independent display mode.

The board also provides 2 x SATA, 6 x USB, 4 x COM, 1 x Intel Gigabit Ethernet, 8-bit Digital I/O and 1 PCI expansion interface.



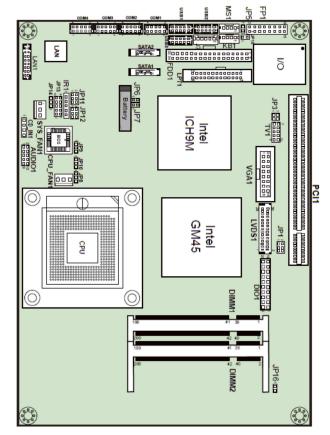


FEATURE DESCRIPTION Intel Core 2 Duo / Celeron M Processor Platform Chipset Intel ICH9M Phoenix Award 4Mbit BIOS DDR2 667/800 Technology Socket 2 x SO-DIMM **System Memory Onboard Memory** Max 4GB SATA Ports 2 Storage Interface Compact Flash _ VGA LVDS Display Interface Audio Codec Realtek ALC888 Serial 4 x RS232 VGA 1 DVI-D 1/0 Digital I/O 1 x 8bit USB 2.0 6 LAN 1 x RJ45 GbE Mic In / Line Out Yes Mini-PCle **Expansion** PCI 1 PCle Controller Hardware Monitoring Watchdog Timer 1~255 sec. **OS Supported** Windows XP onwards Linux Ubuntu 10.04 onwards Other Standard ATX/AT Power Input Power Adapter Temperature, ambient 0°c to 60°c operating **Environmental Parameters** Humidity, 20 to 90% (Non-condensing) ambient operating Dimensions 203mm x 146mm Physical **Dimensions** Weight

ORDERING INFORMATION

LB-731LF Protech LB-731LF

MECHANICAL DRAWING



About Assured Systems (UK) Ltd

Assured Systems is a leading British technology company offering high quality and innovative applied computing solutions to the embedded, industrial, and digital-out-of-home markets across the United Kingdom and Ireland.

Our impressive product portfolio includes a full range of Fanless Embedded Computer Systems, Digital Signage & Multimedia Computer Systems, Touchscreen Panel PCs, Human Machine Interfaces, Vehicle Mount Computers, Rackmount Computer Systems, Single Board Computers, Rugged Laptops & Tablets.

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Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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