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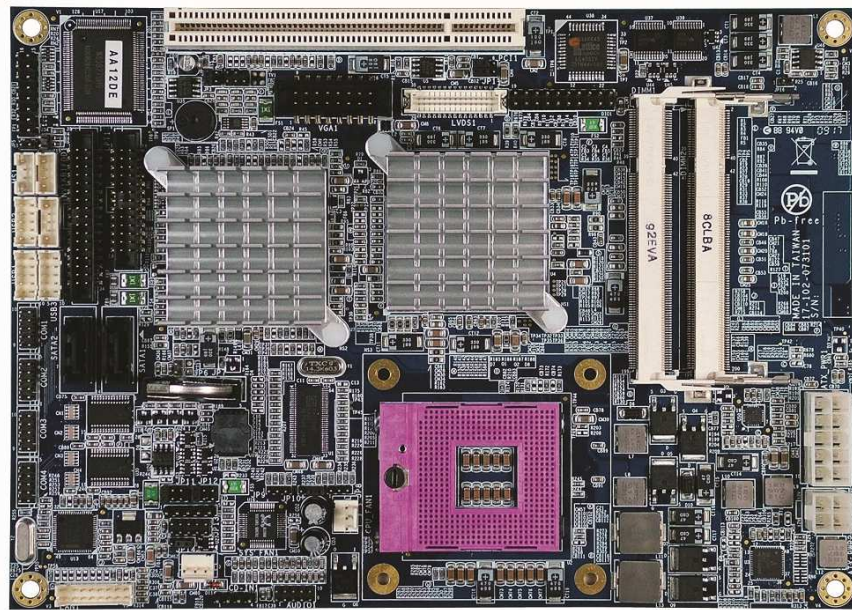TEL: 01785 87 90 50
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LB-731LF

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.

Windows® Embedded Partner
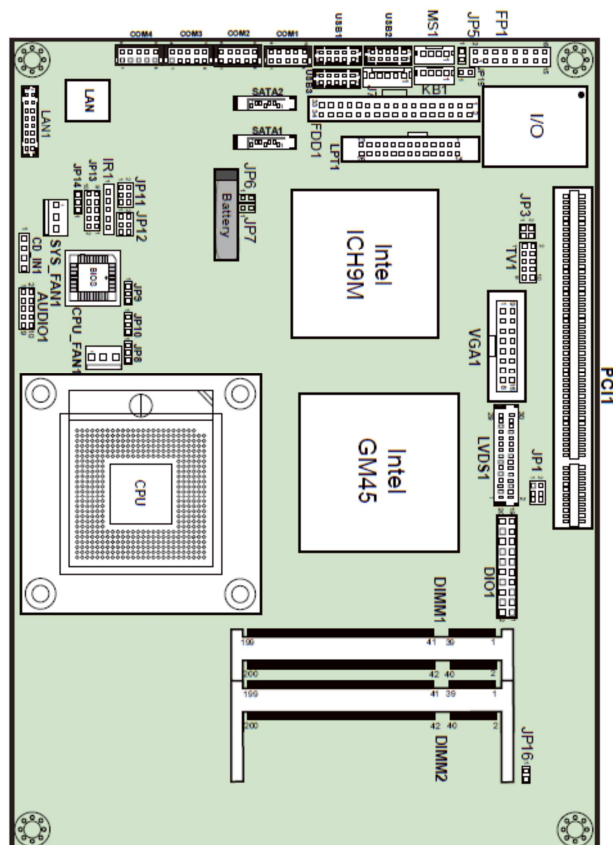
FEATURE DESCRIPTION

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