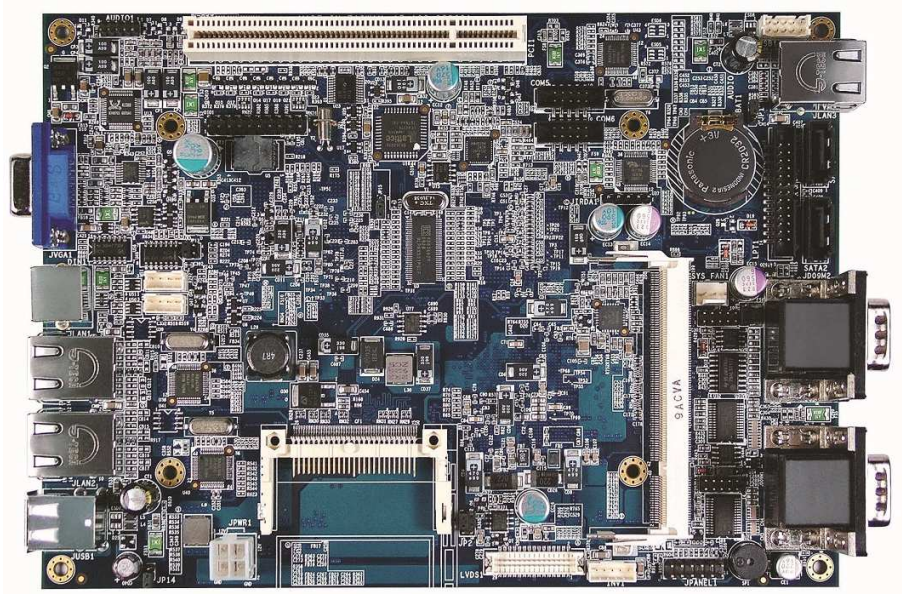


## LB-586LF

Intel® Atom CPU Embedded board



### FEATURES

- Intel Atom N270 1.6Ghz
- Intel ICH7M Chipset
- VGA & LVDS
- 3 x GbE LAN
- Compact Flash Support

### BRIEF PRODUCT DESCRIPTION

The LB-586LF from Protech is a full function 5.25" EBX single board computer based on the Intel Atom N270 processor and 945GSE Chipset. The Intel Integrated Graphics supports VGA and LVDS display output and dual independent display.

The board also provides 2 x SATA, 1 x Compact Flash, 4 x USB, 6 x COM, 3 x Gigabit Ethernet and 1 x PCI expansion interfaces.



**FEATURE DESCRIPTION**

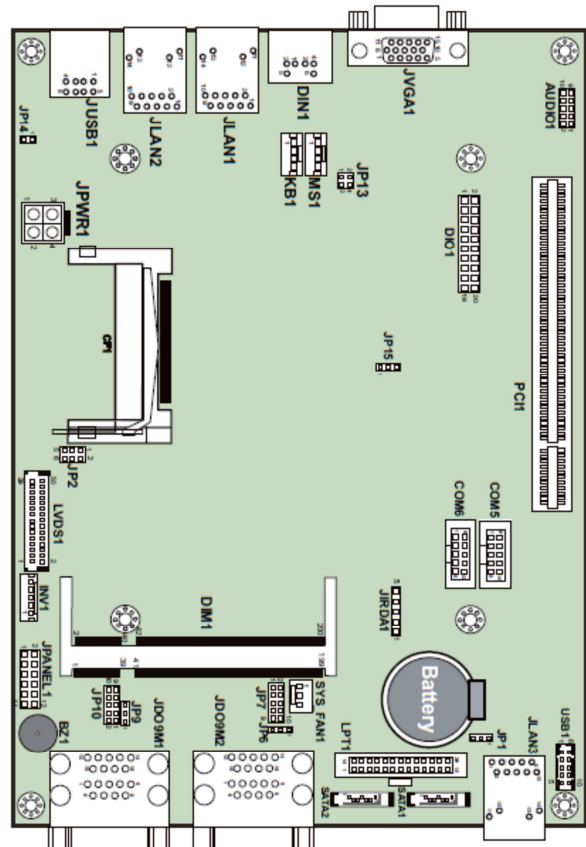
<b>Platform</b>	Processor	Intel Atom N270 1.6Ghz
	Chipset	Intel ICH7M
	BIOS	Phoenix Award 8Mbit
<b>System Memory</b>	Technology	DDR2 400/533
	Socket	1 x SO-DIMM
	Onboard Memory	-
	Max	2GB
<b>Storage Interface</b>	SATA Ports	2
	Compact Flash	1
<b>Display</b>	Interface	VGA LVDS
	Codec	Realtek ALC888
<b>Audio</b>	Serial	6 x RS232
	VGA	1
	DVI-D	-
	Digital I/O	-
	USB 2.0	4
	LAN	3 x RJ45 GbE
	Mic In / Line Out	Yes
<b>Expansion</b>	Mini-PCIe	-
	PCI	1
	PCIe	-
<b>Hardware Monitoring</b>	Controller	-
	Watchdog Timer	1~255 sec.
<b>OS Supported</b>	Windows	XP onwards
	Linux	Ubuntu 10.04 onwards
	Other	-
<b>Power</b>	Input	+12V Single
	Power Adapter	-
<b>Environmental Parameters</b>	Temperature, ambient operating	0°C to 60°C
	Humidity, ambient operating	20 to 90% (Non-condensing)
<b>Physical Dimensions</b>	Dimensions	203mm x 146mm
	Weight	-

**ORDERING INFORMATION**

LB-586LF

Protech LB-586LF

**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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