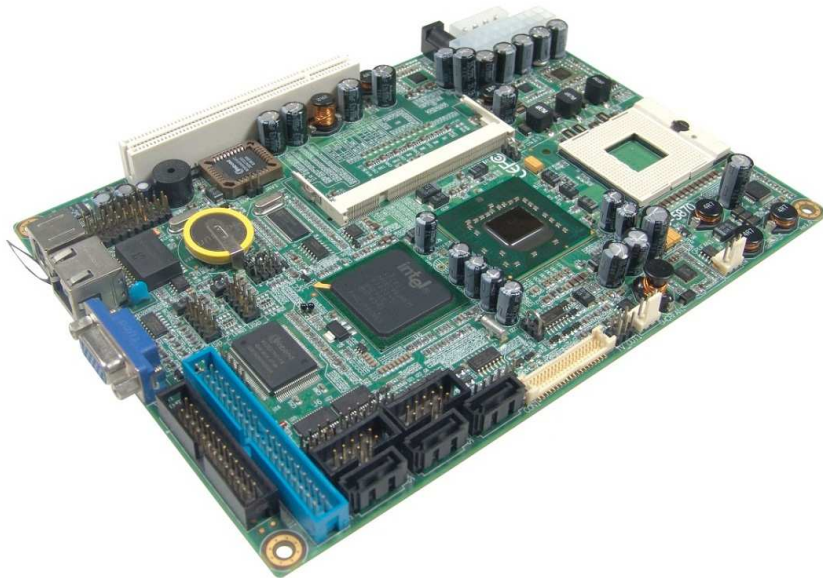


## EMB-5870

Hi-Performance and low consumption Embedded Board



### FEATURES

- Intel Core 2 Duo Mobile
- Intel ICH8M Chipset
- VGA, DVI & LVDS
- Dual GbE LAN
- 3 x SATA II

### BRIEF PRODUCT DESCRIPTION

The EMB-5870 from Norco is a full function 5.25" EBX single board computer based on the Intel 965GM chipset utilising the Intel Socket 479 Core 2 Duo and Core 2 Extreme Mobile processors. The Intel Integrated Graphics supports DVI, VGA, LVDS and TV-out alongside dual independent display mode.

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



## FEATURE DESCRIPTION

Platform	Processor	Intel Core 2 Duo Mobile Series
	Chipset	Intel ICH8M
	BIOS	4M-bit SPI Flash
System Memory	Technology	DDR2 533/667
	Socket	2 x SO-DIMM
	Onboard Memory	-
	Max	4GB
Storage Interface	SATA Ports	3
	Compact Flash	-
Display	Interface	VGA
		DVI
		LVDS
Audio	Codec	Intel Integrated
	Serial	2 x RS232
I/O	VGA	1
	DVI-D	1
	Digital I/O	-
	USB 2.0	4
	LAN	2 x RJ45 GbE
	Mic In / Line Out	Yes
Expansion	Mini-PCle	1
	PCI	1
	PCle	0
Hardware Monitoring	Controller	-
	Watchdog Timer	Yes
OS Supported	Windows	XP onwards
	Linux	Ubuntu 10.04 onwards
	Other	-
Power	Input	Standard ATX
	Power Adapter	-
Environmental Parameters	Temperature, ambient operating	0°C to 60°C
	Humidity, ambient operating	0 to 95% (Non-condensing)
Physical Dimensions	Dimensions	203mm x 146mm
	Weight	-

## ORDERING INFORMATION

EMB-5870

Norco EMB-5870

## 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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