

EMB-5872

5.25" Form Factor Embedded Motherboard Based On The Intel Atom D510 Processor



FEATURES

- Intel Atom D510 1.67Ghz
- Intel ICH8M Chipset
- VGA & LVDS
- GbE LAN
- 1 x Mini PCIe
- 1 x PCIe
- 1 x PC/104

BRIEF PRODUCT DESCRIPTION

The EMB-5872 from Norco is a full function 5.25" EBX single board computer based on the Intel Atom D510 processor and ICH8M 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, 8 x USB, 2 x COM, 1 x Gigabit Ethernet, 8-bit digital I/O, and 1 x PCI, 1 x Mini-PCIe, 1 x PCIe[X4], 1 x LPC, 1 x PC/104, and 1 x JTAG expansion interfaces.



FEATURE	DESCRIPTION	
Platform	Processor	Intel Atom D510 1.67Ghz
	Chipset	Intel ICH8M
	BIOS	8M
System Memory	Technology	DDR2 667
	Socket	1 x SO-DIMM
	Onboard Memory	-
	Max	2GB
Storage Interface	SATA Ports	2
	Compact Flash	1
Display	Interface	VGA
		LVDS
Audio	Codec	Realtek ALC888
	Serial	2 x RS232
I/O	VGA	1
	DVI-D	-
	Digital I/O	1 x 8-bit
	USB 2.0	8
	LAN	1 x RJ45 GbE
	Mic In / Line Out	Yes
Expansion	Mini-PCle	1
	PCI	1 x PC/104
	PCle	1
Hardware Monitoring	Controller	-
	Watchdog Timer	Yes
OS Supported	Windows	XP onwards
	Linux	Ubuntu 10.04 onwards
	Other	-
Power	Input	+12V Single
	Power Adapter	-
Environmental Parameters	Temperature, ambient operating	0°C to 60°C
	Humidity, ambient operating	0 to 90% (Non-condensing)
Physical Dimensions	Dimensions	203mm x 146mm
	Weight	-

ORDERING INFORMATION

EMB-5872	Norco EMB-5872
----------	----------------

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.

Contact Information
 Assured Systems (UK) Ltd
 Tollgate Court Business Centre, Tollgate Drive,
 Stafford, ST16 3HS
T: 01785 87 90 50
F: 01785 87 90 51
E: sales@assured-systems.co.uk
W: www.assured-systems.co.uk

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.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660