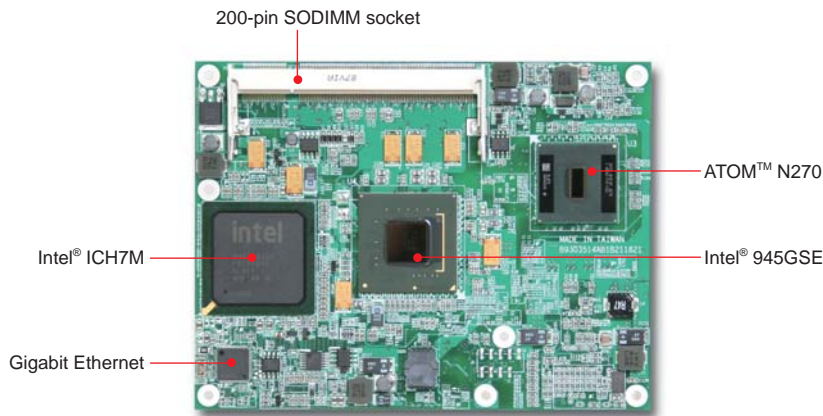


PCOM-B214VG

Intel® ATOM™ based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet, SATA and USB



FEATURES

- The Intel® ATOM™ N270 and 945GSE platform that provides cost effective solution technology
- Intel® ATOM™ N270 + 945GSE + ICH7M platform brings under 10W TDP solution for easy fan-less design
- SATA and IDE interface provide best cost effective functions for market
- Architecture of module and carrier boards speeds up time-to-market of tailor-made equipment
- Support one SODIMM socket and up to 2GB memory size

GENERAL

Processor	CPU & Package: Intel® ATOM™ N270 1.6GHz in FCBGA package FSB: 533 MHz
Chipset/Core Logic	Intel® 945GSE and ICH7M
System Memory	Up to 2GB DDR2 533 SDRAM on one SODIMM socket
BIOS	AWARD BIOS
Storage Devices	EIDE: Support one EIDE channel with Ultra DMA 100/66/33 SATA: Support two SATA 150 drives
Solid State Disk	N/A
Watchdog Timer	N/A
Expansion Interface	- One SDVO port - Three PCI Express x1 - Four PCI devices - LPC Interface - AC97 / High definition audio interface
Hardware Monitoring	CPU Temperature
Power Requirement	TBA
Dimension	Dimension: 125(L) x 95(W) mm
Environment	Operation Temperature: 0~60 °C Storage Temperature: -20~80 °C Operation Humidity: 5~90%

ORDERING GUIDE

Standard	PCOM-B214VG Intel® ATOM™ N270, 945GSE platform based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet and USB
-----------------	---

* Specifications are subject to change without notice.

* Celeron M® and Pentium® M are registered trademarks of Intel Corporation.

* Other trademarks, logo, brands and company are the property of their respective owners.



I/O

MIO	N/A
IrDA	N/A
Ethernet	One Gigabit Ethernet Controller
Audio	N/A
USB	Eight USB ports
Keyboard & Mouse	N/A

DISPLAY

Graphic Controller	Intel® 945GSE integrated Graphics Media Accelerator (Intel® GMA 950)
Graphic Memory	Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB
Display Interface	- Support CRT, LVDS, TV-out and SDVO display interfaces - CRT display resolution up to 2048x1536 @ 85Hz refresh



Portwell, Inc. (Headquarters)
4F, No. 186, Jian-Yi Rd., Chung-Ho City,
235 Taipei, Taiwan
Tel: +886-2-77318888
Fax: +886-2-82271109
E-mail: info@portwell.com.tw
http: //www.portwell.com.tw

American Portwell
Fremont CA Tel: +1-510-403-3399
Norcross GA Tel: +1-678-969-9808
E-mail: info@portwell.com
http: //www.portwell.com

Portwell Japan, Inc.
Tokyo Tel: +81-3-5298-8071
Osaka Tel: +81-6-4791-2201
E-mail: info@portwell.co.jp
http: //www.portwell.co.jp

Beijing Portwell
Beijing Tel: +86-10-82701616
Shanghai Tel: +86-21-3222-0505
Shenzhen Tel: +86-755-8621-7695
E-mail: info@portwell.com.cn
http: //www.portwell.com.cn

Portwell-Laxsons India
Tel: +91-22-2685-9911
E-mail: info@portwellaxsons.com
http: //www.portwellaxsons.com

Portwell, B.V.
Tel: +31-252-620790
E-mail: info@portwell.nl
http: //www.portwell.nl

Portwell (UK) Ltd.
Tel: +44(0)1235-750760
E-mail: info@portwell.co.uk
http: //www.portwell.co.uk