



# TANC-5320

TANC™

High performance node card with PMC/XMC interfaces for ATCA system



## FEATURE

- High computing power of dual Intel® LV Nocona processor with 800MHz FSB
- Intel® E7520 chipset
- Three 64bit/133MHz PMC interfaces
- Two optional PCI-Express XMC interfaces (alternative with PMC interfaces)
- Intelligent Platform Management Controller (IPMC) performs via dual intelligent Platform Management Bus (IPMB) to enhance system reliability
- Support most major OS

## SPECIFICATION

CPU Board	- Dual Intel® LV Nocona processor - Intel® E7520 chipset with 800MHz FSB
System Memory	Up to 16GB DDR400/DDRII registered memory with ECC support
Ethernet Port	Flexible from three PMC/XMC modules
Storage Device	- Support one 2.5" HDD at UMDA33/66/100 - One on-board Compact Flash socket - One optional SATA 2.5" HDD from PMC interface
I/O	- One RJ45 system console - One dual-USB connector
Expansion interface	- Three 64bit/133MHz PMC interfaces - Two optional PCI-Express XMC interfaces (alternative with two PMC interfaces)
LEDS	Power status, System health, HDD activity
Hardware Monitoring	- Build-in IPMC - Dual IPM Bus (IPMB) provide improved system reliability
Power	- Support voltage: -48VDC for board - Redundant DC-feed
Dimension	280 (W) x 322.5 (L) mm 11.02" (W) x 12.70"(L)
Operating Environment	- Operation Temperature: 5 to 45°C - Storage Temperature: -20 to 70°C - Relative Humidity: 5% to 95%, non-condensing
Compliance	- Advanced TCA core specification, PICMG 3.0 - IPMI v1.5 - Design for NEBS GR-63-Core Level 3
Certification	Design for CE/FCC, UL/cUL

## ORDERING GUIDE

Part No.	PMC interface	XMC interface
TANC-5320	Up to 3	Up to 2(optional with PMC interface)



### Portwell, Inc. Headquarters

3F, No. 92, Sec. 1, Nei-Hu Rd.,  
114 Taipei, Taiwan  
Tel: +886-2-27992020  
Fax: +886-2-27991010  
E-mail: [info@mail.portwell.com.tw](mailto:info@mail.portwell.com.tw)  
<http://www.portwell.com.tw>

### American Portwell

6851 Mowry Avenue  
Newark, CA 94560, USA  
Tel: +1-510-790-9192  
Fax: +1-510-790-9191  
E-mail: [info@mail.portwell.com](mailto:info@mail.portwell.com)  
<http://www.portwell.com>

### Portwell Japan, Inc.

〒101-0042 Ueda Build. 7F,10-2  
Kanda higashi matsushita-cho  
chiyoda-ku Tokyo Japan  
Tel: +81-3-5298-8071  
Fax: +81-3-5298-8072  
E-mail: [info@portwell.co.jp](mailto:info@portwell.co.jp)  
<http://www.portwell.co.jp>

### Beijing Portwell

6F, Building 3, Qunying Zone,  
Chuangye Rd. 8, Shangdi, Haidian  
District, Beijing, China 100085  
Tel: +86-10-82701616  
Fax: +86-10-82700606  
E-mail: [info@mail.portwell.com.cn](mailto:info@mail.portwell.com.cn)  
<http://www.portwell.com.cn>

### EMCA (UK)

Unit 30, Basepoint Enterprise Centre  
Stroudley Road, Basingstoke,  
Hampshire, RG24 8UP UK  
Tel: +44-1256-406688  
Fax: +44-1256-406689  
E-mail: [info@emca.co.uk](mailto:info@emca.co.uk)  
<http://www.emca.co.uk>