

News Release

2004/04/05

Novatec Corporation
Meidensha Corporation

<p>A7 size compact network processor board of Intel®IXP425 network processor released from Novatec and Meidensha.</p>

Novatec Corporation (Tokyo, Japan; CEO: Ichiro Saji) and Meidensha Corporation (Tokyo, Japan; CEO: Keiji Kataoka) announces the release of “NTNP425C,” an original network board of Intel®IXP425 network processor, and will be available for purchase from April 7.

This newly released “NTNP425C” developed by Novatec, is the successor board of NTNP425B, a reference board of IXP425, which nearly 200 boards had been purchased by major domestic telecommunication device manufacturers for developmental purposes. NTNP425C has been designed and assembled in the quality level where manufacturers who are considering the production of broadband network equipments can use this board in their actual product.

Main Features:

- A7 (75x105mm, approx. 3x4 in.) compact size.
- Intel®IXP425 Network Processor on “NTNP425C” makes possible high-speed processing while maintaining wire speed.
- I/O connectors help expand functions.
- There are 2 ports of 10/100Mbps LAN interface, 2 ports of USB2.0 host interface, 2 channels of serial interface, Mini PCI Type III connector on NTNP425C.
- Application is not limited to broadband network equipments, but can be utilized in digital consumer home servers and miniature wireless access points.



The development of NTNP425C has been done by Novatec Corporation, and design and production by Meidensha Corporation. This product will be distributed by Novatec Corporation.

Basic Specifications	CPU	Intel®IXP425 533MHz
	Program Memory	Flash ROM 8/16Mbyte (standard: 16Mbyte)
	Main Memory	SDRAM 32/64/128Mbyte (standard: 16Mbyte)
	LAN port	1 port 10 BASE-T/100BASE-TX
	WAN port	1 port 10 BASE-T/100BASE-TX
	USB port	2 ports USB2.0 HOST
	Serial Interface	2 channels RS232C
	Debug Connector	JTAG port
	I/O interface	1 slot Mini PCI, user function I/F
Software Specification	OS	Linux (standard), (μ ITRON, NetBSD underdevelopment)
	Applications	Network home electronics controller, network security, broadband router, wireless access point, etc.

About Novatec

Novatec is Intel's Certified Technical Representative, and provides technical support and consultation to manufacturers using Intel's network processors and embedded processors.

◆Homepage: http://www.novatec.co.jp/eng/index_e.htm

About Meidensha

Meidensha manufactures a broad line of products from electricity generators to transformers, electronic, and IT devices. Meidensha provides not only products but solutions such as engineering, maintenance, and management to come up with the best solution with their customers.

◆Homepage: <http://www.meidensha.co.jp/epages/index-e.html>

* Intel®IXP425 is Intel Corporation's registered trademark.

* Product names and company names are generally registered.

The NTNP425C board will be displayed during Intel Developer Forum Japan Spring 2004 held at Tokyo Bay Hilton on April 7-8.

Product Name: NTNP425C (Intel®IXP425 Network Processor Board)

Target # of sales: 5000 units

Attached Documents: Specification (Catalogue)

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