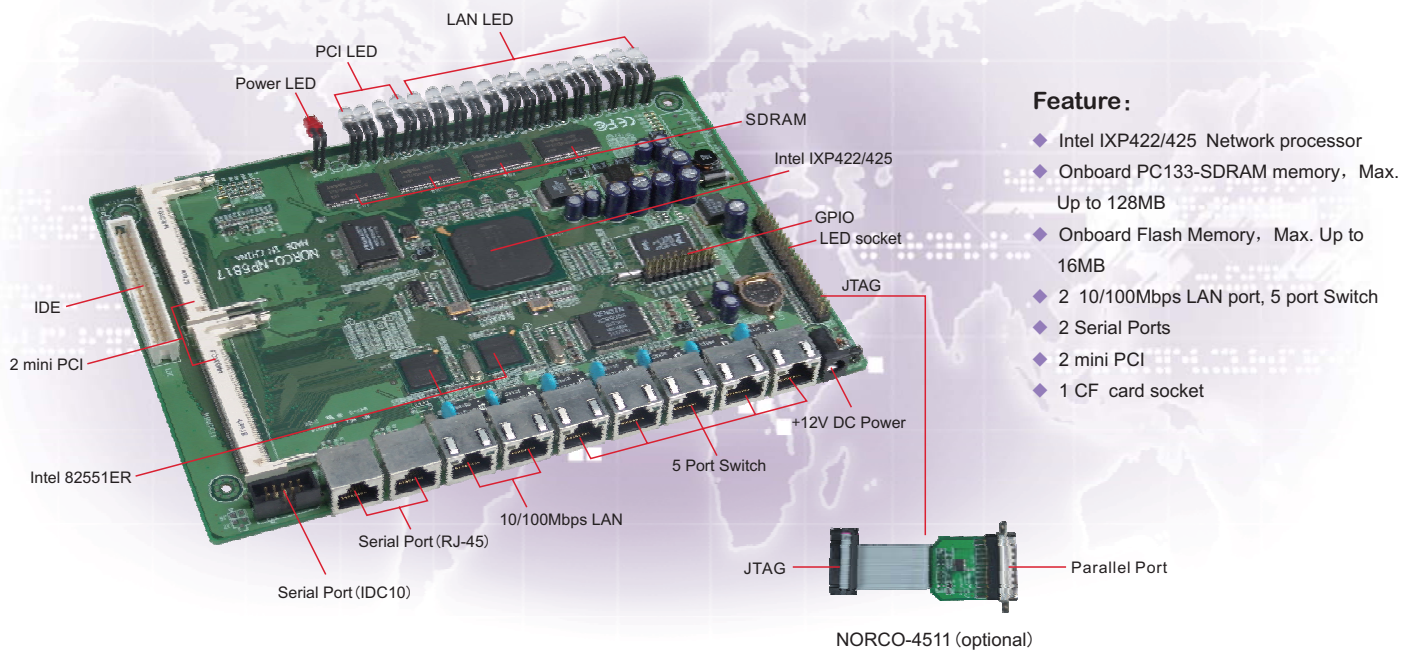


NORCO-7632

Intel IXP422/425 Network Processor, 2 10/100Mbps LAN/
5 Switch /2 Serial/2 miniPCI/CF



Feature:

- ◆ Intel IXP422/425 Network processor
- ◆ Onboard PC133-SDRAM memory, Max. Up to 128MB
- ◆ Onboard Flash Memory, Max. Up to 16MB
- ◆ 2 10/100Mbps LAN port, 5 port Switch
- ◆ 2 Serial Ports
- ◆ 2 mini PCI
- ◆ 1 CF card socket

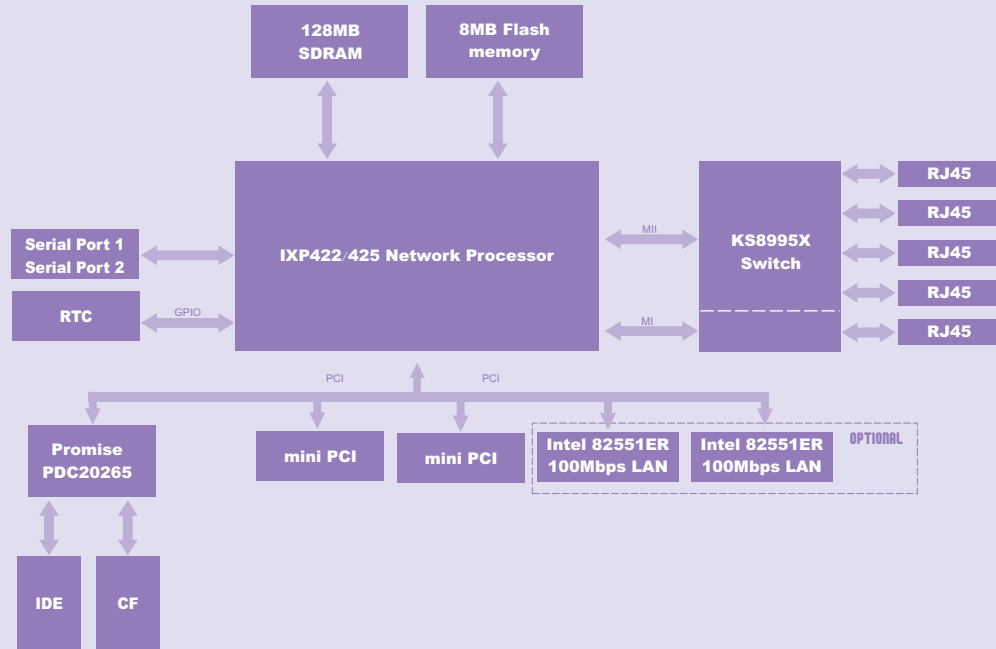
Description

NORCO-7632 based on Intel IXP422/425 network processor, Frequency from 266 to 533MHz, ARM V5TE Instruction sets, support hardware DES/3 DES/SHA-1/MD 5/AES. Onboard PC133-SDRAM memory, max. Up to 128MB. 2 Serial Ports, 5 port Switch, support Linux, VxWorks, WinCE.

Specifcaton

Main	Processor	Intel IXP422/425 Network processor (IXP422-266MHz, IXP425-266/400/533MHz)
	Flash Memory	Onboard Intel Flash memory, Max. Up to 16MB Flash Memory
	System memory	Onboard PC133-SDRAM, Max. Up to 128MB
I/O	Battery	3V 3023
	USB	1 USB1.1 (Client)
Network	Serial Port	2 (Rj45)
	Controller	2 Intel 82551ER
	Speed	10/100Mbps
	Interface	RJ-45 x2
Storage	Switch Port	1 uplink and 4 downlink
	IDE	1 port (Promise PDC20265)
Other	CF	1 socket (Promise PDC20265)
	Mini PCI	2 mini PCI
	Power supply	DC 12V(5~28V support)
	Size	220mm x 152.5mm
	Operate Environment	0°C ~ 60°C (T), 5% ~ 95% (H)

Block Diagram:



JTAG	Define:										
	1	3	5	7	9	11	13	15	17	19	
	3.3V	TRST#	TDI	TMS	TCK	GND	TDO	SRST#	NC	NC	
	2	4	6	8	10	12	14	16	18	20	
	3.3V	GND	GND	GND	GND	GND	GND	GND	GND	GND	

LAN LED	Define:										
	1	3	5	7	9	11	13	15	17	19	
	ACT 5	LINK 5	ACT 4	LINK 4	ACT 3	LINK 3	ACT 2	LINK 2	ACT 1	LINK 1	
	2	4	6	8	10	12	14	16	18	20	
	VCC 3	ACT 7	LINK 7	ACT 6	LINK 6	ACT M-PCI1	LINK M-PCI1	ACT M-PCI2	LINK M-PCI2	VCC 3	

LED Interface	Define:									
	1	2	3	4	5	6	7	8	9	
	LAN1	LAN2	LAN3	LAN4	LAN5	LAN6	LAN7	Mini PCI1	Mini PCI2	
	Note: 1. LED ① as ACTIVE 2. LED ② as LINK									

Accessories:

Article	Qty	Article	Qty
Manual	1pcs	Serial convert cable	1pcs
Driver CD	1pcs	Jumer Header	Few
HDD cable(optional)	1pcs	USB cable(optional)	1pcs

Serial Convert Cable(RJ-45 to DB9)	Serial Convert Cable

Order Information:

Model	CPU	10/100Mbps LAN	Switch Port	mini PCI	System Memory	Flash memory	Serial Port
NORCO-7632-R1	Intel IXP 422	--	5	2	128MB	8MB	2
NORCO-7632-E6-R1	Intel IXP 422	1	5	2	128MB	8MB	2
NORCO-7632-E7-R1	Intel IXP 422	2	5	2	128MB	8MB	2

Notes: 1. upgrade to Intel IXP 425-533MHz (PN#: NORCO-7632-Ex-R1-P2) 3. add One IDE and One CF card socket (PN#: NORCO-7630-Ex-R1-K)
2. upgrade to Flash memory 16MB (PN#: NORCO-7632-R1-F2)