

# CATO-3000

The powerful single chip platform with Intel® EP80579 integrated processor with QuickAssist Technology for networking security and IP telephony



## SPECIFICATION

CPU Board	- Built with Intel® EP80579 integrated Processor with QuickAssist Technology - Support 1.2G/1.0G/600MHz CPU speed
System Memory	Support DDR2 800/533, ECC-unbuffered memory up to 2GB
Ethernet Port	- 3 RGMII GbE ports w/ RJ45 - 4 PCI-E x1 GbE ports w/ RJ45 connector
Bypass Feature	One 2nd generation bypass segment on 2 RGMII RJ45 interfaces available
Security Service	- Available with EP80579 Integrated Processor with QuickAssist Technology - Support IPSec, VPN, Firewall, SSL, IP Forwarding & TCP Proxy
TDM Features	- Available with EP80579 Integrated Processor with QuickAssist Technology - Reserved interface (Pin-header) for future connection with proprietary E1/T1 board
Expansion Slot	- One front-access PCI-E x4 slot for flexible add-on expansion - Support half-size, full-height add-on cards
Storage Device	- Support one 3.5"/2.5" SATA HDD installation - Supports SATA DOM and CF installation
Serial Port	2 UART: 1 RJ45 console, 1 pin-header for connection with LCM
LCD Panel	EZIO-3 w/ 16x2 LCD, blue backlight and 4 input button
LEDs	Power status, data access, Ethernet status, Ethernet speed (10/100/1000) and bypass
USB	Dual USB.2.0 ports, front accessible
Power	150W FlexATX PSU w/ Active PFC, 100~240VAC auto range
Dimension	443(W) x 279(D) x 44(H) 17.45"(W) x 11"(D) x 1.75"(H)
Packing Dimension	22.4"(W) x 24.4"(D) x 8.7"(H)
Operating Environment	- Temperature: 5 to 40°C (41 to 104°F) - Humidity 20% to 90%RH
Storage Environment	- Temperature: 0 to 70°C (32 to 158°F) - Humidity 5% to 95%RH
Certification	CE/FCC/UL/cUL (to be applied)

## FEATURE

- Single chip simplicity, low power consumption and familiar IA-32 architecture for software programming
- Support DDR2 800/667 ECC memory up to 2GB
- 3 Gigabit Ethernet interfaces via RGMII with hardware security acceleration
- Software programmable Bypass features built-in
- 3 Fiber Optical GbE interfaces (RGMII) available
- 4 Gigabit Ethernet interfaces via PCI-E for extended networking application
- One PCI-E x4 slot for required expansion
- Built in TDM interface for support up to 12 T1/E1 links
- Security services and bulk crypto for IPSec, VPN, Firewall, SSL, IP Forwarding & TCP Proxy



150W FlexATX PSU

## ORDERING GUIDE

Part No.	With Intel QuickAssist Technology	Frequency	RGMII GbE, SFP	RGMII GbE, RJ45	PCI-E x1 GbE, RJ45	Bypass Segment	EZIO
CATO-3000-0722	Yes	1.2GHz	N/A	3	4	1	Yes
CATO-3000-3422	Yes	1.2GHz	3	N/A	4	1	Yes



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