

CATO-2000

Intel® EP80579 SOC based 1U rack-mount communication appliance with QuickAssist Technology for network security



FEATURE

- Intel® EP80579 integrated processor
- DDR2 800/533 MHz ECC
- Up to 8 GbE LAN ports
- Up to 4 bypass segments
- One PCI Express x4 expansion slot
- Security service and bulk crypto for IPSec, VPN, Firewall, SSL, IP Forwarding & TCP Proxy

SPECIFICATION

CPU Board	- Built with Intel® EP80579 integrated Processor with QuickAssist Technology - Support 1.2G/1.0G/600MHz CPU
System Memory	Supports DDR2 800/533 MHz ECC, up to 4GB
Ethernet Port	- Three RGMII Cooper GbE ports - One PCI-E Cooper GbE port - Four Fiber/Cooper PCI-E GbE ports via proprietary PCI-E x4 expansion module
Bypass Feature	2 Gen. 1.5 bypass segments on board, up to 4 bypass segments
Security Service	- Available with EP80579 Integrated Processor with QuickAssist Technology - Support IPSec, VPN, Firewall, SSL, IP Forwarding & TCP Proxy
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 - Support SATA COM and CompactFlash installation
Serial Port	2UART: one for RJ45 console, the other is built-in one board 2x5 pin-header
LCD Panel	Optional
LEDs	Power status, storage access, Ethernet status/speed and bypass status
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) mm; 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



150W FlexATX PSU

ORDERING GUIDE

Part No.	Intel® QuickAssist Technology	Frequency	RGMII GbE, RJ45	PCI-E x1 GbE, RJ45	Bypass Segment
CATO-2000-0441	N/A	600MHz	3	1	2
CATO-2000-0442	Yes	600MHz	3	1	2
CATO-2000-0445	N/A	1.2GHz	3	1	2
CATO-2000-0446	Yes	1.2GHz	3	1	2



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