

A.R.G

ARG Quarra PTP Switch Range

RAVENNA、AES67に対応した、高精度時間同期プロトコル IEEE 1588v2 (PTPv2) 機能搭載イーサネットスイッチ

Quarra 2800-EQ200 Desktop Switch (10port, 1/2 Rack)



Quarra 2800-EQ219 Rack mount Switch (10port, 1U Rack)



Quarra 10000 Rack mount Switch (28port, 1U Rack)



製品特徴

- RAVENNA、AES67対応
- ナノ秒単位の正確な高精度時間同期プロトコル IEEE 1588v2 (PTPv2)対応
- GPSを利用し、より高精度な同期信号を生成(オプション)
- Synchronous(L1) Ethernet (同期イーサネット)の正確なクロック同期にDSPLL®技術を使用(オプション)
- Web GUI または、コマンドラインにより、すばやく簡単に設定可能
- QoS、IGMP v2/3、VLAN機能搭載
- SFP+対応 (10portモデル 2.5G / 28portモデル 10G)

この製品に関するお問い合わせ先

機能詳細

Carrier Ethernet

- Layer-2 IEEE 1588v2 : Precision Time Protocol (PTP) timing and synchronisation
- IEEE 802.1ad : Provider bridging (VLAN Q-in-Q) switch - 8 MACs, 4K VLANs
- Per queue MEF E-LINE or per port MEF E-LAN, E-TREE Service Points
 - Per port per queue Dual Leaky Bucket Service
 - Policers with PCP or DSCP remarking per Service port
 - Static tagging options per Service Point
- OAM Hardware for generating CCM messages, CCM checking is done by software
 - Software of OAM and protection switching

Quality of Service

- EPS and ERPS Protection Switching
- TCAM-based VLAN classification and translation with pattern matching against Layer-2 through Layer-4 information
- Up to 256 QoS and VLAN TCAM entries
- Eight QoS queues per port with strict or deficit weighted round-robin scheduling (DWRR)
- DSCP translation, both ingress and/or egress
- DSCP remarking based on QoS and VLAN TCAM entries
- VLAN (PCP, DEI and VID) translation, both ingress and egress
- Per-queue, per-port policing and shaping, programmable in steps of 100 kbps
- Per-flow policing through TCAM-based pattern matching, Up to 256 policers
- Full-duplex flow control (IEEE 802.3x) and half-duplex backpressure, symmetric and asymmetric

Layer –2 Switch

- Port mirroring
- Port-based access control
- IEEE 802.3ad : Link aggregation
- IEEE 802.1x : Network Access Control
- IEEE 802.1w : Rapid Spanning Tree Protocol
- IEEE 802.1s : Multiple Spanning Tree Protocol
- Simple Network Management Protocol (SNMP)
- Independent and shared VLAN learning
- 256 VLAN egress tagging TCAM entries
- Link aggregation traffic distribution is programmable and based on Layer-2 through Layer-4 information
- Basic Switching - Forwarding, address learning and address aging
- VLAN IEEE 802.1Q (4,096 VLAN's) - Push / pop / translate up to two VLAN tags; translation in ingress and / or egress
- 8,192 MAC addresses. Including Generic Attribute Registration Protocol (GARP)
- Wire-speed hardware-based learning and CPU-based learning configurable per port

Multicast

- 8K Layer-2 Multicast group addresses with 64 port masks
- 8K IPv4/IPv6 multicast groups
- Internet Group Management Protocol v2 & v3
- Multicast Listener Discovery (MLDv1)
- Multicast Listener Discovery (MLDv2) with source specific multicast forwarding

製品仕様

モデル	ポート数	RJ45ポート	SFP+ Slot	X2 Slot	サイズ	パワー サプライ	*SyncE (同期イーサネット)	*GPS
Quarra 2800-EQ200 Desktop Switch	10	1G x 8	2.5G x 2	NA	ハーフラック	シングル AC	オプション	オプション
Quarra 2800-EQ219 Rack mount Switch	10	1G x 8	2.5G x 2	NA	1U	デュアル AC	オプション	オプション
Quarra 10000 Rack mount Switch	28	1G x 24	10G x 2	10G x 2	1U	デュアル AC	オプション	**

* SyncE (Synchronous Ethernet)、GPS はメーカー取付オプションの為、注文時にご指定ください ** Coming soon (詳細お問合せください)

この製品に関するお問い合わせ先



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