SHARK UTM®

The next generation security appliance

CherryRoad technologies

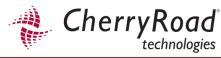# We Protect and Secure Today's Most Demanding Networks

Shark UTM security appliance provides the performance, flexibility, and security necessary to protect today's most demanding networks.

Shark UTM Remote Workplace allows end users to access their desktops, when needed.

Designed for educational environments, Shark UTM provides industry leading value in Web Content Filtering, Intrusion Prevention, Packet Filtering, Quality of Service, Remote Access services, and more. The Shark UTM meets the criteria for the Children's Internet Protection Act (CIPA).

Over 30 years of excellence in internet technology services for the K12 sector

SHARK UTM®

The next generation security appliance

CherryRoad® technologies

Web Content Filtering

- HTTP and HTTPS
- Database Blocking
- 100+ Categories
- URL and Keyword Block/Allow
- Group and User based filtering policies
- Schedule based filtering policies
- AntiAnti-Virus filtering
- Google™ Account Support
- Chromebook Extension
- Daily Category List Updates

Remote Access

- IPSEC, LT2P, SSLVPN, HTML5
- SiteSite-to -site VPN
- Hardware Encryption Engine

Protection and Security

- Application Firewall
- Certificate Management Suite
- Malware and Intrusion Prevention
- DDoS Detection and Mitigation
- IPv4 and IPv6 Packet Filtering

Management

- Secure Web Portal
- Network Diagnostic Tools
- Powerful Dashboard
- Backup and Restore System Configuration
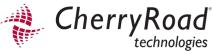
LDAP Support

- Active Directory
- Open Directory
- eDirectory

Logging and Reporting

- Realtime Logs and Statistics
- Complete Access Logs
- Malware/IPS/IDS logging and reporting
- Logs General Traffic and System Events
- Full SNMP Reporting Support
- Integrated Graphs
- Remote logging service available

Support - 24x7 Technical Support
Automatic Firmware/OS updates

Over 30 years of excellence in internet technology services for the K12 sector

Product Specifications

Model	550	2550	4550	6550	8000EX
Processor	C3558	E3-1225v6	E3-1275v6	i7-7700k	4116
Cores/Threads	4/4	4/4	4/8	4/8	12/24
RAM	8GB	8GB	16GB	32GB	64GB
SSD Storage	32GB	120GB	275GB	500GB	500GB
Ethernet Ports (On-Board)	4	8	8	8	None
Ethernet Ports (Expansion)	N/A	Up to 8	Up to 8	Up to 8	Up to 32
SFP	2	Up to 8	Up to 8	Up to 8	Up to 32
SFP+	N/A	Up to 4	Up to 4	Up to 4	Up to 16
QSFP28	N/A	N/A	N/A	N/A	Up to 4
LTE Module	Yes	N/A	N/A	N/A	N/A
Sessions	64,000	28,000	256,000	256,000	1,000,000
Users	500	1,000	5,000	5,000+	5,000+

Over 30 years of excellence in internet technology services for the K12 sector