

Tumbleweed Appliances

Tumbleweed delivers dependable, secure appliances that are easy to install and optimized for the highest levels of performance and availability for businesses of any size or complexity.



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Tumbleweed appliances make it possible for organizations of any size to communicate and share information securely.

RELIABLE ARCHITECTURE

Designed to thrive in the most demanding enterprise environments, Tumbleweed appliances feature high-performance processors, hot-swappable Serial-attached SCSI hard drives as RAID configurations, redundant power supplies, and centralized management of multiple appliances. Tumbleweed delivers the best of both worlds: Easily deployed turnkey appliances for small businesses, and highly scalable, centrally managed systems for large, distributed enterprises.

OPTIMIZED PERFORMANCE

Utilizing multi-core, 64-bit Intel processors, each Tumbleweed appliance delivers the exceptional performance today's advanced operating systems and applications demand. And each appliance enhances its 64-bit processing with high-speed internal busses and fast Serial-Attached SCSI hard drives for a balanced, high-performance architecture.

REMOTE SERVICE

In today's business climate, online communications are mission-critical, and there's no acceptable level of downtime. That's why every appliance is equipped with state-of-the-art onboard systems management modules that provide remote support, troubleshooting, diagnostics, and even re-imaging of the appliance by Tumbleweed's experienced support staff. And in the unlikely event of a hardware failure, Tumbleweed provides global onsite support and replacement of failed components.

FEATURES

- High-performance appliances optimized for Tumbleweed products
- Multiple hardware options with robust, reliable designs
- Hardened operating systems
- Built-in redundancy for high availability
- Remote serviceability to minimize downtime
- International safety and electrical certifications

SUPPORTED PRODUCTS




- MailGate®
- Secure Messenger™
- SecureTransport™
- Validation Authority™

REGULATORY CERTIFICATION

FCC (U.S. only) Class B
ICES (Canada) Class B
CE Mark (EN 55022 Class B, EN55024, EN61000-3-2, EN61000-3-3)
VCCI (Japan) Class B
BSMI (Taiwan) Class A
C-Tick (Australia/New Zealand) Class B
SABS (South Africa) Class B
CCC (China) Class B
MIC (Korea) Class B
UL 60950
CAN/CSA C22.2 No. 60950
EN 60950 -1 (EN 60950 for 6600 only)
IEC 60950 -1 (EN 60950 for 6600 only)

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TUMBLEWEED APPLIANCE SPECIFICATIONS

	 4600 series	 5600 series	 6600 series
Products supported	MailGate, Secure Messenger, SecureTransport, Validation Authority (SM & VA not available on 6600)		
Form factor	1U rack height		2U rack height
Processors	1 quad-core Xeon processor		2 x quad-core Xeon Processors
Memory	2GB	4GB	8GB
Hard drives	2x 146GB, SAS 3.5-inch	2x 300GB, SAS 3.5-inch	6x 300GB, SAS 3.5-inch
Hard drive controller	PERC 6/i, integrated controller card, battery-backed cache, RAID1 (mirrored)		PERC 6/i, integrated controller card, battery-backed cache, RAID 10 (1+0, striped mirrors)
Effective hard drive storage	146GB	300GB	900GB
Network interfaces	2x 10/100/1000 Ethernet interfaces		4x 10/100/1000 Ethernet interfaces
SAN card	N/A	4 GB Dual Port Fiber Channel Host Bus Adapter (option available on 5600 and 6600 for ST only)	
USB 2.0 ports	2 front, 2 rear		
Video connector	1 front, 1 rear		
Serial connector	1 rear		
Systems management	Remote access card, 5th generation, 10/100 Ethernet interface		
CD/DVD drive	DVD-ROM		
Rack rails	Sliding Rapid/Versa universal rails and cable management arm		
Size	Height: 1.67" (4.3 cm) Width: 16.7" (42.6 cm) Depth: 30.4" (77.2 cm)		Height: 3.4" (8.6 cm) Width: 17.5" (44.4 cm) Depth: 29.3" (74.4 cm)
Weight	35.8 lb (16.3 kg)	35.8 lb (16.3 kg)	60.8 lbs (27.5 kg)
Electrical	110/220VAC auto-switching universal; 167W	110/220VAC auto-switching universal; 213W	110/220VAC auto-switching universal; 353W
Power supplies	670W power supply	Dual redundant 670W power supplies (hot-swappable)	Dual redundant 750W power supplies (hot-swappable)

Operating, Storage environment (applies to all appliance models)

	Operating environment	Storage environment
Temperature	50°F to 95°F (10° to 35°C)	-40°F to 149°F (-40° to 65°C)
Relative humidity	20% to 80% non-condensing (twmax=29°C)	5% to 95% non-condensing (twmax=38°C)
Max. humidity gradient	10% per hour	10% per hour
Max. Vibration	0.26G at 5Hz to 350Hz for 2 minutes	1.54G random vibration at 10Hz to 250Hz for 15 minutes
Max. Shock	1 shock pulse of 41G for up to 2ms	6 shock pulses of 71G for up to 2ms
Altitude	50 ft to 10,000 ft (-16m to 3,048m)	-50 ft to 35,000 ft (-16m to 10,600m)



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