

Industrial Flash Module Series (SATA Interface)

SATA Slim



- Compliant with JEDEC MO-297*
- High-reliability: anti-shock and anti-vibration
- Excellent data transfer speed
- SMART: own AP to monitor the health of the SSD
- Support static wear-leveling algorithm



- Compliant with 2.5" SSD positioning hole



- SATA Slim

Item	SATA Slim Series
Capacity	1GB~16GB
Interface	SATA II 3.0G
Data Transfer Rate (MB/sec. max.)	Read: 90MB/sec. Write: 60MB/sec. (Four CH) Read: 50MB/sec. Write: 25MB/sec. (Dual CH)
Operation Temp.	0°C~+70°C (Standard); -40°C~+85°C (W/T)
Storage Temp.	-55°C~+95°C
Vibration	20G (7~2000Hz)
Shock	1500G/0.5ms
DC Input Voltage	5V
Power Consumption	250 mA (max.)
Dimensions	54x39x4mm (WxLxH)
SMART Function	Support
Security Function	Support

Ordering Information

SATA SLIM SSD		SATA SLIM SSD WITH HOUSING	
SATASLIM-Q-32GB	32GB Four Channels	SATASLIM-QH-32GB	32GB Four Channels with housing
SATASLIM-Q-16GB	16GB Four Channels	SATASLIM-QH-16GB	16GB Four Channels with housing
SATASLIM-Q-8GB	8GB Four Channels	SATASLIM-QH-8GB	8GB Four Channels with housing
SATASLIM-Q-4GB	4GB Four Channels	SATASLIM-QH-4GB	4GB Four Channels with housing
SATASLIM-Q-2GB	2GB Four Channels	SATASLIM-QH-2GB	2GB Four Channels with housing
SATASLIM-D-2GB	2GB Dual Channel	SATASLIM-DH-2GB	2GB Dual Channel with housing
SATA SLIM SSD W/T		SATA SLIM SSD WITH HOUSING W/T	
SATASLIM-WQ-32GB	W/T 32GB Four Channels	SATASLIM-WQH-32GB	W/T 32GB Four Channels with housing
SATASLIM-WQ-16GB	W/T 16GB Four Channels	SATASLIM-WQH-16GB	W/T 16GB Four Channels with housing
SATASLIM-WQ-8GB	W/T 8GB Four Channels	SATASLIM-WQH-8GB	W/T 8GB Four Channels with housing
SATASLIM-WQ-4GB	W/T 4GB Four Channels	SATASLIM-WQH-4GB	W/T 4GB Four Channels with housing
SATASLIM-WQ-2GB	W/T 2GB Four Channels	SATASLIM-WQH-2GB	W/T 2GB Four Channels with housing
SATASLIM-WD-2GB	W/T 2GB Dual Channel	SATASLIM-WDH-2GB	W/T 2GB Dual Channel with housing

Industrial SATA Flash Module

Item	IFM-3300IS(WS)	IFM-3300IPS(WPS)	IFM-3000IS(WS)	IFM-3000IPS(WPS)	IFM-3000ILVS(WLVS)	IFM-3000ILPS(WLPS)
Picture						
Capacities	2GB~32GB		128MB~8GB		128MB~8GB	
Interface	SATA II		SATA I		SATA I	
Data Transfer Rate	Read: 100MB/sec. ; Write: 50MB/sec.		Read-24MB/sec. ; Write-14MB/sec.		Read-24MB/sec. ; Write-14MB/sec.	
Operation Temp.	0°C ~ 70°C ; -40°C ~ 85°C		0°C ~ 70°C ; -40°C ~ 85°C		0°C ~ 70°C ; -40°C ~ 85°C	
Storage Temp.	-55°C ~ 95°C		-55°C ~ 95°C		-55°C ~ 95°C	
Vibration	20G (7~2000Hz)		5G (7~2000Hz)		5G (7~2000Hz)	
Shock	50G/10ms		50G/10ms		50G/10ms	
DC Input Voltage	+5V single power supply operation		+5V single power supply operation		+5V single power supply operation	
Power Mode	Auto stand-by mode		Auto stand-by mode		Auto stand-by mode	
Power Consumption	150mA		180mA		180mA	
Dimensions	IFM-3300IS(WS): 25x39.4x6.5mm (WxLxH) 32GB: 25x39.4x9.3mm (WxLxH) IFM-3300IPS(WPS): 40x30x11.4mm (WxLxH)		IFM-3000IS(WS): 20.8x32.8x8.0mm (WxLxH) IFM-3000IPS(WPS): 18.0x30.3x11.4mm (WxLxH)		Low-profile: 32.8x29.6x8.0mm (WxLxH) Low-profile: 30x20.3x11.4mm (WxLxH)	
Certificate	CE/FCC/RoHS		CE/FCC/RoHS		CE/FCC/RoHS	

Ordering Information

SATADOM Vertical		SATADOM Horizontal		SATADOM Vertical Low Profile	
IFM-3300IS-8GB	Compact SATA II Vertical, 8GB	IFM-3300IPS-8GB	Compact SATA II Horizontal, 8GB	IFM-3000ILVS-8GB	Compact SATA I Vertical Low Profile, 8GB
IFM-3300IS-4GB	Compact SATA II Vertical, 4GB	IFM-3300IPS-4GB	Compact SATA II Horizontal, 4GB	IFM-3000ILVS-4GB	Compact SATA I Vertical Low Profile, 4GB
IFM-3300IS-2GB	Compact SATA II Vertical, 2GB	IFM-3300IPS-2GB	Compact SATA II Horizontal, 2GB	IFM-3000ILVS-2GB	Compact SATA I Vertical Low Profile, 2GB
IFM-3300IS-1GB	Compact SATA II Vertical, 1GB	IFM-3300IPS-1GB	Compact SATA II Horizontal, 1GB	IFM-3000ILVS-1GB	Compact SATA I Vertical Low Profile, 1GB
IFM-3300IS-512MB	Compact SATA II Vertical, 512MB	IFM-3300IPS-512MB	Compact SATA II Horizontal, 512MB	IFM-3000ILVS-512MB	Compact SATA I Vertical Low Profile, 512MB
IFM-3300IS-256MB	Compact SATA II Vertical, 256MB	IFM-3300IPS-256MB	Compact SATA II Horizontal, 256MB	IFM-3000ILVS-256MB	Compact SATA I Vertical Low Profile, 256MB
IFM-3300IS-128MB	Compact SATA II Vertical, 128MB	IFM-3300IPS-128MB	Compact SATA II Horizontal, 128MB	IFM-3000ILVS-128MB	Compact SATA I Vertical Low Profile, 128MB
SATADOM Vertical W/T		SATADOM Horizontal W/T		SATADOM Vertical Low Profile W/T	
IFM-3300WS-8GB	W/T Compact SATA II Vertical, 8GB	IFM-3300WPS-8GB	W/T Compact SATA II Horizontal, 8GB	IFM-3000WLVS-8GB	W/T Compact SATA I Vertical Low Profile, 8GB
IFM-3300WS-4GB	W/T Compact SATA II Vertical, 4GB	IFM-3300WPS-4GB	W/T Compact SATA II Horizontal, 4GB	IFM-3000WLVS-4GB	W/T Compact SATA I Vertical Low Profile, 4GB
IFM-3300WS-2GB	W/T Compact SATA II Vertical, 2GB	IFM-3300WPS-2GB	W/T Compact SATA II Horizontal, 2GB	IFM-3000WLVS-2GB	W/T Compact SATA I Vertical Low Profile, 2GB
IFM-3300WS-1GB	W/T Compact SATA II Vertical, 1GB	IFM-3300WPS-1GB	W/T Compact SATA II Horizontal, 1GB	IFM-3000WLVS-1GB	W/T Compact SATA I Vertical Low Profile, 1GB
IFM-3300WS-512MB	W/T Compact SATA II Vertical, 512MB	IFM-3300WPS-512MB	W/T Compact SATA II Horizontal, 512MB	IFM-3000WLVS-512MB	W/T Compact SATA I Vertical Low Profile, 512MB
IFM-3300WS-256MB	W/T Compact SATA II Vertical, 256MB	IFM-3300WPS-256MB	W/T Compact SATA II Horizontal, 256MB	IFM-3000WLVS-256MB	W/T Compact SATA I Vertical Low Profile, 256MB
IFM-3300WS-128MB	W/T Compact SATA II Vertical, 128MB	IFM-3300WPS-128MB	W/T Compact SATA II Horizontal, 128MB	IFM-3000WLVS-128MB	W/T Compact SATA I Vertical Low Profile, 128MB
SATADOM Vertical High Profile		SATADOM Horizontal High Profile		SATADOM Vertical Low Profile W/T	
IFM-3000IS-8GB	Compact SATA I Vertical High Profile, 8GB	IFM-3000IPS-8GB	Compact SATA I High Profile Horizontal, 8GB	IFM-3000WLPS-8GB	W/T Compact SATA I Horizontal Low Profile, 8GB
IFM-3000IS-4GB	Compact SATA I Vertical High Profile, 4GB	IFM-3000IPS-4GB	Compact SATA I High Profile Horizontal, 4GB	IFM-3000WLPS-4GB	W/T Compact SATA I Horizontal Low Profile, 4GB
IFM-3000IS-2GB	Compact SATA I Vertical High Profile, 2GB	IFM-3000IPS-2GB	Compact SATA I High Profile Horizontal, 2GB	IFM-3000WLPS-2GB	W/T Compact SATA I Horizontal Low Profile, 2GB
IFM-3000IS-1GB	Compact SATA I Vertical High Profile, 1GB	IFM-3000IPS-1GB	Compact SATA I High Profile Horizontal, 1GB	IFM-3000WLPS-1GB	W/T Compact SATA I Horizontal Low Profile, 1GB
IFM-3000IS-512MB	Compact SATA I Vertical High Profile, 512MB	IFM-3000IPS-512MB	Compact SATA I High Profile Horizontal, 512MB	IFM-3000WLPS-512MB	W/T Compact SATA I Horizontal Low Profile, 512MB
IFM-3000IS-256MB	Compact SATA I Vertical High Profile, 256MB	IFM-3000IPS-256MB	Compact SATA I High Profile Horizontal, 256MB	IFM-3000WLPS-256MB	W/T Compact SATA I Horizontal Low Profile, 256MB
IFM-3000IS-128MB	Compact SATA I Vertical High Profile, 128MB	IFM-3000IPS-128MB	Compact SATA I High Profile Horizontal, 128MB	IFM-3000WLPS-128MB	W/T Compact SATA I Horizontal Low Profile, 128MB
SATADOM Vertical High Profile W/T		SATADOM Horizontal High Profile W/T		SATADOM Horizontal Low Profile W/T	
IFM-3000WS-8GB	W/T Compact SATA I Vertical High Profile, 8GB	IFM-3000WPS-8GB	W/T Compact SATA I High Profile Horizontal, 8GB	IFM-3000WLPS-8GB	W/T Compact SATA I Horizontal Low Profile, 8GB
IFM-3000WS-4GB	W/T Compact SATA I Vertical High Profile, 4GB	IFM-3000WPS-4GB	W/T Compact SATA I High Profile Horizontal, 4GB	IFM-3000WLPS-4GB	W/T Compact SATA I Horizontal Low Profile, 4GB
IFM-3000WS-2GB	W/T Compact SATA I Vertical High Profile, 2GB	IFM-3000WPS-2GB	W/T Compact SATA I High Profile Horizontal, 2GB	IFM-3000WLPS-2GB	W/T Compact SATA I Horizontal Low Profile, 2GB
IFM-3000WS-1GB	W/T Compact SATA I Vertical High Profile, 1GB	IFM-3000WPS-1GB	W/T Compact SATA I High Profile Horizontal, 1GB	IFM-3000WLPS-1GB	W/T Compact SATA I Horizontal Low Profile, 1GB
IFM-3000WS-512MB	W/T Compact SATA I Vertical High Profile, 512MB	IFM-3000WPS-512MB	W/T Compact SATA I High Profile Horizontal, 512MB	IFM-3000WLPS-512MB	W/T Compact SATA I Horizontal Low Profile, 512MB
IFM-3000WS-256MB	W/T Compact SATA I Vertical High Profile, 256MB	IFM-3000WPS-256MB	W/T Compact SATA I High Profile Horizontal, 256MB	IFM-3000WLPS-256MB	W/T Compact SATA I Horizontal Low Profile, 256MB
IFM-3000WS-128MB	W/T Compact SATA I Vertical High Profile, 128MB	IFM-3000WPS-128MB	W/T Compact SATA I High Profile Horizontal, 128MB	IFM-3000WLPS-128MB	W/T Compact SATA I Horizontal Low Profile, 128MB