

## ASUS ZenDrive U9M optical disc drive DVD±RW Black

**Brand :** ASUS

**Product code:** 90DD02A0-M29000

**Product name :** ZenDrive U9M



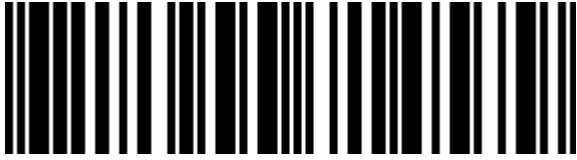
CD/DVD, 140/160 ms, USB 2.0, 142.5 x 135.5 x 13.9 mm, 245 g, black

ASUS ZenDrive U9M. Product colour: Black, Disc loading type: Tray, Mounting: Horizontal. Purpose: Laptop, Optical drive type: DVD±RW, Interface: USB 2.0. DVD+R write speed: 8x, CD-R write speed: 24x, CD-RW write speed: 24x. CD-R read speed: 24x, CD-RW read speed: 24x, CD-ROM read speed: 24x. DVD drive average random access time: 160 ms, CD-ROM drive average random access time: 140 ms



Design		Access time	
Internal *	✘	DVD drive average random access time	160 ms
Product colour	Black	CD-ROM drive average random access time	140 ms
Disc loading type	Tray		
Mounting	Horizontal	Record modes	
Performance		Track-at-once (TAO)	✓
Purpose *	Laptop	Disc-at-once (DAO)	✓
Optical drive type *	DVD±RW	Session-at-once (SAO)	✓
Interface *	USB 2.0	Multi session	✓
Disc types supported	CD-R, CD-ROM, CD-RW, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-ROM, DVD-RW	Packet writing	✓
Optical disc diameter	80,120 mm	Over-burn writing	✓
		Sequential writing	✓
		Random write	✓
		Restricted overwrite	✓
		Incremental recording	✓
Writing speed			
CD-R write speed	24x		
CD-RW write speed	24x		
DVD+R write speed *	8x		
DVD-R write speed	8x		
DVD-R Double Layer write speed	6x		
DVD+R Double Layer write speed	6x		
DVD+RW write speed	8x		
DVD-RW write speed	6x		
DVD+R M-DISC write speed	4x		
Reading speed			
CD-R read speed	24x		
CD-RW read speed	24x		
CD-ROM read speed	24x		
DVD+R read speed	8x		
DVD-R read speed	8x		
DVD-RW read speed	8x		
DVD-R Double Layer read speed	8x		
DVD-Video read speed	4x		
DVD+R M-DISC read speed	8x		

Reading speed		System requirements	
DVD-ROM Double Layer read speed	8x		
Video CD read speed	10x		
Audio CD read speed	10x		
DVD+R Double Layer read speed	8x		
DVD+RW read speed	8x		
		Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 IOT Core, Windows 10 Pro, Windows 10 Pro x64, Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows Vista, Windows Vista Business, Windows Vista Business x64, Windows Vista Enterprise, Windows Vista Enterprise x64, Windows Vista Home Basic, Windows Vista Home Basic x64, Windows Vista Home Premium, Windows Vista Home Premium x64, Windows Vista Ultimate, Windows Vista Ultimate x64, Windows XP Home, Windows XP Home x64, Windows XP Professional, Windows XP Professional x64
		Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Operational conditions			
Operating relative humidity (H-H)		15 - 80%	
Operating temperature (T-T)		5 - 40 °C	
Storage temperature (T-T)		-30 - 60 °C	
Storage relative humidity (H-H)		10 - 90%	
Weight & dimensions			
Width		135.5 mm	
Depth		142.5 mm	
Height		13.9 mm	
Weight		245 g	
Packaging content			
Quantity per pack		1 pc(s)	
Bundled software		CyberLink Power2Go 8, CyberLink PowerBackup 2.5, Nero BackItUp, E-Green	
Cables included		USB Type-A, USB Type-C	
Logistics data			
Harmonized System (HS) code		84717030	



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