

# Mini PCIeDOM

The Innodisk Mini PCIeDOM is a Flash based disk module with standard Mini PCIe form factor, and PCI Express Gen.1 interface. It is suitable for board maker or SI to design in the product as a boot drive or a storage device. Meanwhile, it supports multiple operating systems with no driver needed, including Windows XP, Windows 7, and Linux based OS.



Model Name	Mini PCIeDOM 1SE	Mini PCIeDOM 1ME3
Key Features	1. Standard Mini PCIe form factor 2. Driver-less 3. PCIe Gen.1x1	1. Standard Mini PCIe form factor 2. Driver-less 3. PCIe Gen.1x1
Interface	PCI Express Gen.1x1	PCI Express Gen.1x1
Flash Type	SLC	MLC
Capacity	4GB~64GB	8GB~256GB
Max. Channel	4	2
Sequential R/W (MB/sec, max.)	85/85	130/100
Max. Power Consumption	2.3 W (3.3V x 700mA)	2 W (3.3V x 620mA)
Thermal Sensor	STD : N , W/T : Y	
External DRAM Buffer	N	N
iData Guard	Y	Y
iCell	N	N
TRIM	N	N
ATA Security	Y	Y
S.M.A.R.T	Y	Y
Dimension (WxLxH/mm)	30.0 x 50.95 x 5.0	30.0 x 50.9 x 5.0
Environment	Shock: 1500G@0.5ms/Storage Temperature: -55°C ~ +95°C/MTBF: >3 million hours	
Standard Temp. OP (0°C~+70°C)	DEEDM-XXXJ30AC***	DEEDM-XXXD09BC***
Wide Temp. OP (-40°C~+85°C)	DEEDM-XXXJ30AW***	DEEDM-XXXD09BW***
Note	XXX = density (02GB=02G, 04GB=04G, 08GB=08G, 16GB=16G, 32GB=32G, 64GB=64G, 128GB=A28, 256GB=B56, 512GB=C12) ***= flash configuration (internal control code) %=Flash Type	