



ADATA TECHNOLOGY

M.2 PRODUCT



Ben Chen
EU- Sales Manager



1

Stable Quality- Fixed BOM, SanDisk Solution

2

Fit Different Application- Product Variety

3

Longevity- 2D.MLC Supply until end of 2020

4

Support- Dedicate FAE and RD team

5

PLP- Hardware Power Lose Protection

6

Wide Temperature Available -40~90°C

*** 2D. MLC Year 2020 supply with forecast**

WHAT IS M.2?



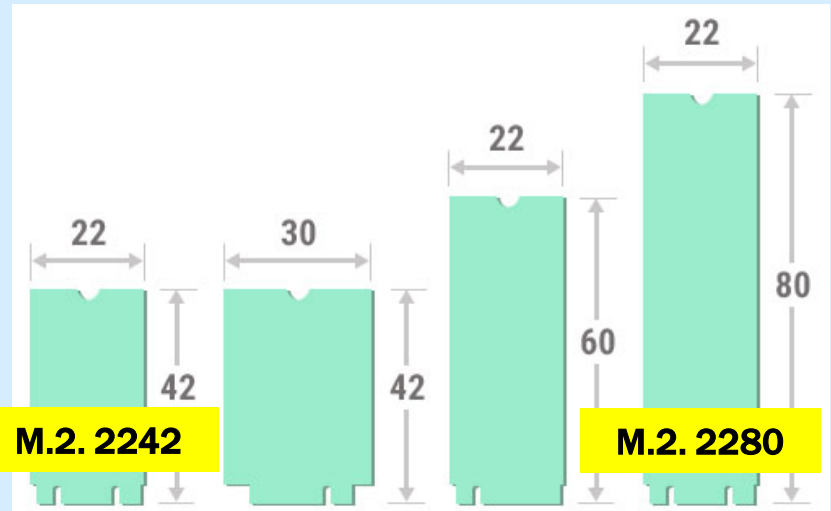
Compare M.2 and mSATA

Right hand side is M.2 2242, and left hand side is mSATA

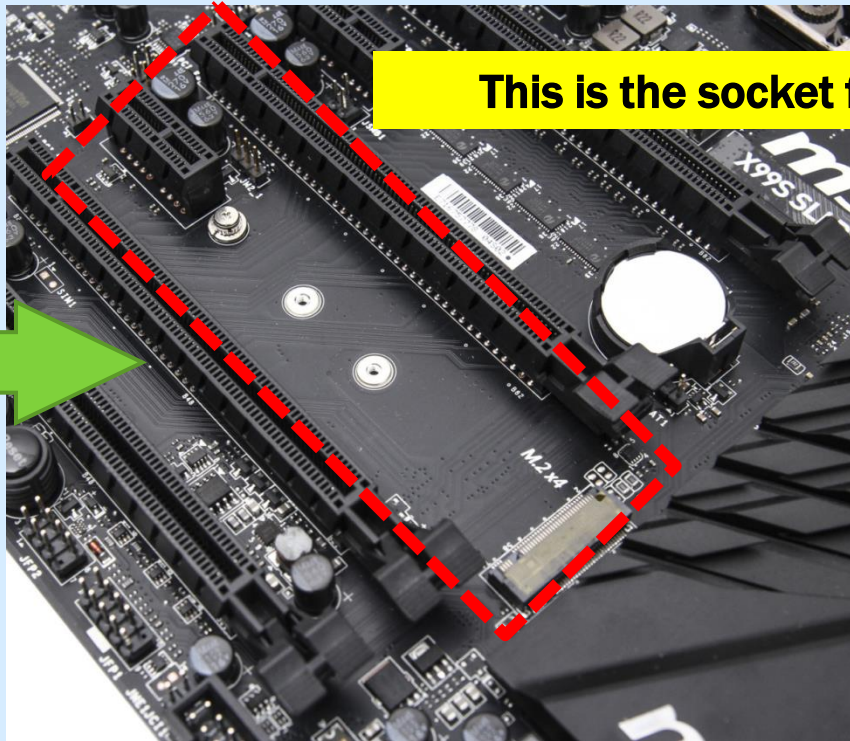
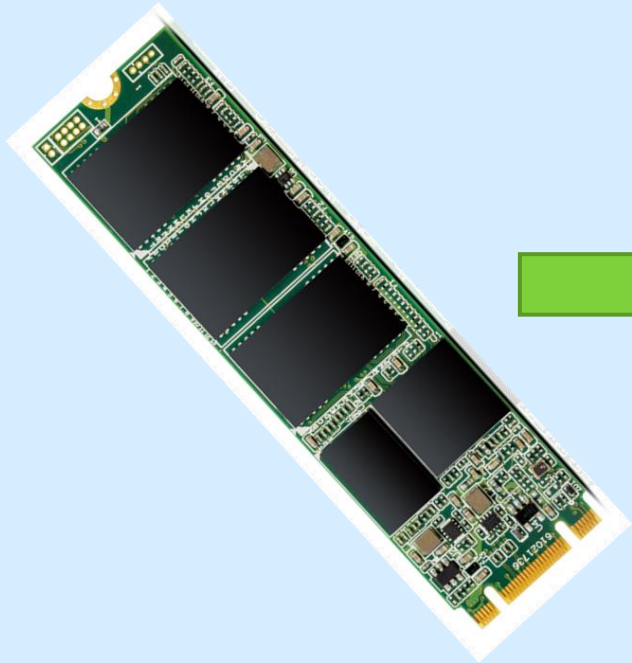
M.2 2242 or 2280??

22 is the width
42 is the length

And the 2242 and 2280 form factor is the most popular!



EXAMPLE OF M.2



This is the socket for M.2

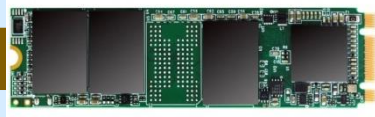
PRODUCT MAP

IM2S3328E Series (M.2 2280+ PLP, Wide Temp)

Lock
BOM

MLC

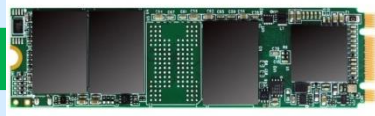
IM2P3388 Series (M.2 2280+ PCIe)



Lock
BOM

3D.MLC

IM2S3328E Series (M.2 2280)



Lock
BOM

MLC

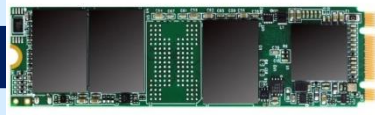
IM2S3134N Series (M.2 2242)



Lock
BOM

MLC

IM2S3148 Series (M.2 2280)



Lock
BOM

TLC

IM2S3334 Series (M.2 2242)



Lock
BOM

TLC

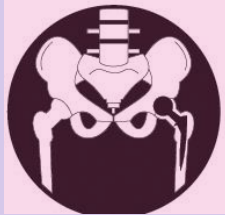
PRODUCT RANGE

	NAND Type	NAND Supplier	Temperature	Form Factor
IM2S3328E- GT IM2P3388- GT (optional PLP)	2D. MLC	SanDisk	-40~90°C	High End 2280
	3D. MLC	Micron		
IM2P3388- GB Series (PCIe interface)	3D. MLC	Micron	-10~80°C	Main Stream 2280 with PCIE
IM2S3328E- GM Series (optional PLP)	2D. MLC	SanDisk	-10~80°C	Main Stream 2280
IM2S3134N- GM Series	2D. MLC	SanDisk	0~70°C	Main Stream 2242
IM2S3148- GD Series	3D. TLC	Intel switch to SanDisk	-0~70°C	Non DRAM 2280
IM2S3334- GD Series	3D. TLC	Intel switch to SanDisk	0~70°C	Basic 2242

APPLICATION MAP

High Reliability
DATA Protection

IM2S3328E+ PLP



Medical Devices



Audio & Video

IM2S3328E+ Wide Temp



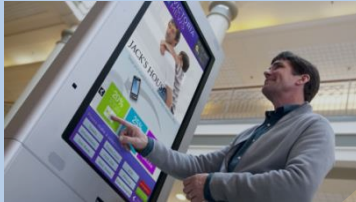
Transportation

IM2S3328E



Factory Automation

IM2S3148



Digital Signage & Smart Retail



IM2S3134N

BOX PC for Smart Building

Critical Environment
Wide Temperature

ROADMAP

2017/ Q4

2018

2019

2020

IM2S3328E/ M.2 2280 (2D. MLC)

2020 supply
with forecast

IM2S3134N/ M.2 2242 (2D. MLC)

2020 supply
with forecast

IM2P3388/ M.2 2280 (3D. MLC) with PCIe

IM2S3148/ M.2 2280 (3D. TLC)

Switch to SanDisk 64 Layers

IM2S3334/ M.2 2242 (3D. TLC)

Switch to SanDisk 64 Layers



THANK YOU

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