



INTEL® OPTANE™ MEMORY READY BOARDS

August, 16, 2017

Intel® Optane™ memory is a revolutionary new memory technology that affordably accelerates your system, delivering high speed and responsiveness without compromising system storage capacity. When combined with a large storage drive, the Intel® Optane™ memory M.2 module accelerates computer performance, while maintaining capacity.

You can purchase an Intel® Optane™ memory ready board from the following companies.

ASRock*

Motherboard Name	Chipset	Form Factor	M.2 Slots and Length
Z270 SuperCarrier*	Intel® Z270 chipset	ATX	3 slots (2242 or 2280)
Fatal1ty Z270 Professional Gaming i7*	Intel® Z270 chipset	ATX	3 slots (2242 or 2280)
Z270 Taichi*	Intel® Z270 chipset	ATX	3 slots (2242 or 2280)
Fatal1ty Z270 Gaming K6*	Intel® Z270 chipset	ATX	2 slots (2242 x 2280)
Z270 Extreme4*	Intel® Z270 chipset	ATX	2 slots (2242 x 2280)
Z270 Killer SLI/ac*	Intel® Z270 chipset	ATX	2 slots (2242 x 2280)
Z270 Killer SLI*	Intel® Z270 chipset	ATX	2 slots (2242 x 2280)
Fatal1ty Z270 Gaming K4*	Intel® Z270 chipset	Micro-ATX	2 slots (2242 x 2280)
Z270 Pro4*	Intel® Z270 chipset	Micro-ATX	2 slots (2242 x 2280)

ASRock cont.

Z270M Extreme4*	Intel® Z270 chipset	Micro-ATX	1 slot (2242 or 2280)
Z270M Pro4*	Intel® Z270 chipset	Micro-ATX	2 slots (2242 x 2280)
Fatal1ty Z270 Gaming-ITX/ac*	Intel® Z270 chipset	Mini-ITX	1 slot (2242 or 2280)
Z270M-ITX/ac*	Intel® Z270 chipset	Mini-ITX	1 slot (2242 or 2280)
Fatal1ty H270 Performance*	Intel® H270 chipset	ATX	2 slots (2242 x 2280)
H270 Pro4*	Intel® H270 chipset	ATX	2 slots (2242 x 2280)
Fatal1ty H270M Performance*	Intel® H270 chipset	Micro-ATX	2 slots (2242 x 2280)
H270M Pro4*	Intel® H270 chipset	ATX	2 slots (2242 x 2280)
H270M-ITX/ac*	Intel® H270 chipset	Mini-ITX	1 slot (2242 or 2280)
Fatal1ty B250 Gaming K4*	Intel® B250 chipset	ATX	2 slots (2242 x 2280)
B250 Pro4*	Intel® B250 chipset	ATX	2 slots (2242 x 2280)
Fatal1ty B250M Performance*	Intel® B250 chipset	Micro-ATX	2 slots (2242 x 2280)
B250M Pro4*	Intel® B250 chipset	Micro-ATX	2 slots (2242 x 2280)
B250M-HDV*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)

ASUS*

Motherboard Name	Chipset 	Form Factor 	M.2 Slots and Length 
Maximus IX Code*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Tuf Z270 Mark1*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Tuf Z270 Mark2*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270-A*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Strix Z270E Gaming*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Maximus IX Apex*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Strix Z270F Gaming*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Strix Z270H Gaming*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270-AR*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270-K*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Maximus IX Formula*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Maximus IX Hero*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Strix Z270G Gaming*	Intel® Z270 chipset	Micro-ATX	2 slots (2242 or 2280)
Strix Z270I Gaming*	Intel® Z270 chipset	Mini-ITX	2 slots (2242 or 2280)
Z270M-Plus*	Intel® Z270 chipset	Micro-ATX	2 slots (2242 or 2280)

ASUS cont.

Z270-P*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Maximus IX Extreme*	Intel® Z270 chipset	Extended ATX	2 slots (2242 or 2280)
H270-Pro*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
H270-Plus*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
Strix H270F Gaming*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
H270M-Plus*	Intel® H270 chipset	Micro-ATX	2 slots (2242 or 2280)
B250-Pro*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250-Plus*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250M-A*	Intel® B250 chipset	Micro-ATX	2 slots (2242 or 2280)
B250M-C*	Intel® B250 chipset	Micro-ATX	2 slots (2242 or 2280)
B250M-K*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
Strix B250F Gaming*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250M-Plus*	Intel® B250 chipset	Micro-ATX	2 slots (2242 or 2280)
Q270M-C*	Intel® Q270 chipset	Micro-ATX	2 slots (2242 or 2280)

BIOSTAR*

Motherboard Name	Chipset	Form Factor	M.2 Slots and Length
Z270GT9*	Intel® Z270 chipset	ATX	1 slot (2242 or 2280)
Z270GT8*	Intel® Z270 chipset	ATX	1 slot (2242 or 2280)
Z270GT6*	Intel® Z270 chipset	ATX	1 slot (2242 or 2280)
Z270GT4*	Intel® Z270 chipset	Micro-ATX	1 slot (2242 or 2280)
B250GT5*	Intel® B250 chipset	ATX	1 slot (2242 or 2280)




ECS*

Motherboard Name	Chipset	Form Factor	M.2 Slots and Length
Z270-Lightsaber*	Intel® Z270 chipset	ATX	1 slot (2242/2260/2280)
Z270H4-I*	Intel® Z270 chipset	Mini-ITX	1 slot (2242/2280)
B250H4-M8*	Intel® B250 chipset	Micro-ATX	1 slot (2242/2260/2280)
B250H4-M9*	Intel® B250 chipset	Micro-ATX	1 slot (2242/2260/2280)
B250H4-M12T*	Intel® B250 chipset	Micro-ATX	1 slot (2242/2260/2280)

EVGA*

Motherboard Name	Chipset	Form Factor	M.2 Slots and Length
EVGA Z270 Stinger	Intel® Z270 chipset	Micro-ITX	2 slots (2280)
EVGA Z270 FTW K	Intel® Z270 chipset	ATX	2 slots (2280)
EVGA Z270 Classified K	Intel® Z270 chipset	Extended-ATX	2 slots (2280)




Gigabyte Technology*

Motherboard Name	Chipset 	Form Factor 	M.2 Slots and Length 
Z270X-Gaming 9*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Gaming 8*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Gaming 7*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Gaming K7*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Gaming 5*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Gaming K5*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-Designare*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270X-Ultra Gaming*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270-Phoenix Gaming*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270-Gaming 3*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270-Gaming K3*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270X-Gaming SOC*	Intel® Z270 chipset	ATX	2 slots (22110 & 2280)
Z270X-UD5*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270X-UD3*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270XP-SLI*	Intel® Z270 chipset	ATX	1 slot (22110)

Z270-HD3P*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270-HD3*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270P-D3*	Intel® Z270 chipset	ATX	1 slot (2280)
H270-Gaming 3*	Intel® H270 chipset	ATX	2 slots (22110 & 2280)
B250-HD3P*	Intel® B250 chipset	ATX	1 slot (22110)
B250-HD3*	Intel® B250 chipset	ATX	1 slot (22110)
Z270MX-Gaming 5*	Intel® Z270 chipset	ATX	1 slot (22110)
Z270M-D3H*	Intel® Z270 chipset	ATX	1 slot (22110)
H270M-DS3H*	Intel® H270 chipset	Micro-ATX	1 slot (22110)
B250M-Gaming 5*	Intel® B250 chipset	Micro-ATX	1 slot (22110)
B250M-Gaming 3*	Intel® B250 chipset	Micro-ATX	1 slot (22110)
B250M-D3H*	Intel® B250 chipset	Micro-ATX	1 slot (22110)
B250M-DS3H*	Intel® B250 chipset	Micro-ATX	1 slot (2280)
B250M-HD3*	Intel® B250 chipset	Micro-ATX	1 slot (2280)
Z270N-Gaming 5*	Intel® Z270 chipset	Mini-ITX	1 slot (2280)
Z270N-WiFi*	Intel® Z270 chipset	Mini-ITX	1 slot (2280)

H270N-WiFi*	Intel® H270 chipset	Mini-ITX	1 slot (2280)
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MSI*

Motherboard Name	Chipset 	Form Factor 	M.2 Slots and Length 
B250 Gaming M3*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250 Krait Gaming*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250 Gaming Pro Carbon*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250 PC Mate*	Intel® B250 chipset	ATX	2 slots (2242 or 2280)
B250I Gaming Pro AC*	Intel® B250 chipset	ATX	1 slot (2280)
B250M Gaming Pro*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
B250M Mortar*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
B250M Pro-VD*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
B250M Pro-VDH*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
B250M Pro-VH*	Intel® B250 chipset	Micro-ATX	1 slot (2242 or 2280)
H270 Gaming M3*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
H270 Gaming Pro Carbon*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)

MSI cont.

H270 PC Mate*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
H270 Tomahawk Arctic*	Intel® H270 chipset	ATX	2 slots (2242 or 2280)
H270I Gaming Pro AC*	Intel® H270 chipset	Mini-ITX	1 slot (2280)
H270M Bazooka*	Intel® H270 chipset	Micro-ATX	1 slot (2242 or 2280)
H270M Mortar Arctic*	Intel® H270 chipset	Micro-ATX	1 slot (2242 or 2280)
Z270 Gaming M3*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 Gaming M5*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 Gaming M7*	Intel® Z270 chipset	ATX	3 slots (2242 or 2280)
Z270 Gaming Pro*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 Gaming Pro Carbon*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 Krait Gaming*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 PC Mate*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 SLI*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 SLI Plus*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 Tomahawk*	Intel® Z270 chipset	ATX	2 slots (2242 or 2280)
Z270 XPOWER Gaming Titanium*	Intel® Z270 chipset	ATX	3 slots (2242 or 2280)

MSI cont.

Z270-A Pro*	Intel® Z270 chipset	ATX	1 slot (2242 or 2280)
Z270I Gaming Pro Carbon AC*	Intel® Z270 chipset	Mini-ITX	1 slot (2280)
Z270M Mortar*	Intel® Z270 chipset	Micro-ATX	1 slot (2242 or 2280)
B250M Mortar Arctic*	Intel® B250 chipset	Micro-ATX	1 slot
Z270 Tomahawk Arctic*	Intel® Z270 chipset	ATX	2 slots

Supermicro*

Motherboard Name	Chipset	Form Factor	M.2 Slots and Length
C7Z270-PG	Intel® Z270 Express Chipset	ATX	2 slots (22110)
C7Z270-CG	Intel® Z270 Express Chipset	ATX	2 slots (22110/2280)
C7Z270-CG-L	Intel® Z270 Express Chipset	ATX	2 slots (2260/2280/22110)
C7H270-CG-ML	Intel® H270 Express Chipset	Micro-ATX	1 slot (2242/2260/2280)
C7Q270-CB-ML	Intel® Q270 Express Chipset	Micro-ATX	1 slot (2242/2260/2280)
C7B250-CB-ML	Intel® B250 Express Chipset	Micro-ATX	1 slot (2242/2260/2280)