

NVIDIA BlueField-2

datasheet

p/n	p/n	Crypto	SecureBoot	Pcie Interface	Connector	Dimensions	Data Rate	DRAM	NVRAM	SOC
MBF2H332A	AECOT	Enabled	Enabled	pcie 4 x8	Dual SFP56	HHHL ¹⁾	25/10/1 Gb/s Ethernet	16GB	64GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H332A	AEEOT	Enabled	Disabled	pcie 4 x8	Dual SFP56	HHHL ²⁾	25/10/1 Gb/s Ethernet	16GB	64GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H332A	AENOT	Disabled	Disabled	pcie 4 x8	Dual SFP56	HHHL ³⁾	25/10/1 Gb/s Ethernet	16GB	64GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2M355A	VECOT	Enabled	Enabled	pcie 4 x16	Single QSFP56	HHHL ⁴⁾	200/100/50/25/10/1 Gb/s Ethernet	32GB	64GB	BlueField-2 E-Series - 8 Cores - 430 MHz/2000MHz
MBF2M355A	VESOT	Enabled	Disabled	pcie 4 x16	Single QSFP56	HHHL ⁵⁾	200/100/50/25/10/1 Gb/s Ethernet	32GB	64GB	BlueField-2 E-Series - 8 Cores - 430 MHz/2000MHz
MBF2H512C	AECOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ⁶⁾	25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H512C	AESOT	Disabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ⁷⁾	25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H512C	AEUOT	Disabled	Enabled with UEFI disabled	pcie 4 x16	Dual SFP56	FHHL ⁸⁾	25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H532C	AECOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ⁹⁾	25/10/1 Gb/s Ethernet	32GB	128GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H532C	AESOT	Disabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹⁰⁾	25/10/1 Gb/s Ethernet	32GB	128GB	BlueField-2 P-Series - 8 Cores - 500MHz/2500MHz
MBF2H516A	CEEOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹¹⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	64GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2H516A	CENOT	Disabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹²⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	64GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2M516A	CECOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹³⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	64GB	BlueField®-2 E-Series - 8 Cores 430MHz/2000MHz
MBF2M516A	CEEOT	Enabled	Disabled	pcie 4 x16	Dual SFP56	FHHL ¹⁴⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	64GB	BlueField®-2 E-Series - 8 Cores 430MHz/2000MHz
MBF2M516A	CENOT	Disabled	Disabled	pcie 4 x16	Dual SFP56	FHHL ¹⁵⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	64GB	BlueField®-2 E-Series - 8 Cores 430MHz/2000MHz
MBF2H516C	CECOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹⁶⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2H516C	CESOT	Disabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹⁷⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2H516C	CEUOT	Disabled	Enabled with UEFI disabled	pcie 4 x16	Dual SFP56	FHHL ¹⁸⁾	100/50/40/25/10/1 Gb/s Ethernet	16GB	128GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2H536C	CECOT	Enabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ¹⁹⁾	100/50/40/25/10/1 Gb/s Ethernet	32GB	128GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz
MBF2H536C	CESOT	Disabled	Enabled	pcie 4 x16	Dual SFP56	FHHL ²⁰⁾	100/50/40/25/10/1 Gb/s Ethernet	32GB	128GB	BlueField-2 P-Series - 8 Cores - 550MHz/2750MHz

1) 2) 3) 4) 5)
HHHL
6) 7) 8) 9) 10) 11) 12) 13) 14) 15) 16) 17) 18) 19) 20) 21) 22) 23)
FHHL

<https://micronode.ru/> - **micronode.ru**

<https://micronode.ru/enterprise/nvidia/description/bluefield-2>

Last update: **2024/09/05 08:16**

