

MEMORY MODULE

MANUFACTURER

Kingston

SERIES

Not determined

PART NUMBER

KHX2933C17D4/8G

SERIAL NUMBER

10108E3Dh

JEDEC DIMM LABEL

8GB 1Rx8 PC4-2936-UA2-11

ARCHITECTURE

DDR4 SDRAM UDIMM

SPEED GRADE

DDR4-2936

CAPACITY

8 GB (8 components)

ORGANIZATION

1024M x64 (1 rank)

REGISTER MODEL

N/A

MANUFACTURING DATE

August 5-9 / Week 32, 2019

MANUFACTURING LOCATION

Taiwan

REVISION / RAW CARD

FF00h / A2 (8 layers)

DRAM COMPONENTS

MANUFACTURER

Hynix

PART NUMBER

H5AN8G8NJJR-VKC

PACKAGE

Standard Monolithic 78-ball FBGA

DIE DENSITY / COUNT

8 Gb J-die (Alius / 18 nm) / 1 die

COMPOSITION

1024Mb x8 (64Mb x8 x 16 banks)

CLOCK FREQUENCY

1468 MHz (0,681 ns)

MINIMUM TIMING DELAYS

17-19-19-39-68

READ LATENCIES SUPPORTED

18T, 17T, 16T, 15T, 14T, 13T, 12T...

SUPPLY VOLTAGE

1,20 V

XMP CERTIFIED

1468 MHz / 17-19-19-39-68 / 1,20 V

XMP EXTREME

1333 MHz / 16-18-18-39-61 / 1,20 V

SPD REVISION

1.1 / September 2015

XMP REVISION

2.0 / December 2013

FREQUENCY	CAS	RCD	RP	RAS	RC	FAW	RRDS	RRDL	WR	WTRS
1468 MHz	18	19	19	39	68	31	7	7	22	4
1466 MHz	17	19	19	39	68	31	7	7	22	4
1333 MHz	16	18	18	36	61	28	7	7	20	4
1200 MHz	15	16	16	32	55	26	6	6	18	3
1200 MHz	14	16	16	32	55	26	6	6	18	3
1067 MHz	13	14	14	29	49	23	6	6	16	3
933 MHz	12	13	13	25	43	20	5	5	14	3
933 MHz	11	13	13	25	43	20	5	5	14	3
800 MHz	10	11	11	22	37	17	4	4	12	2
667 MHz	9	9	9	18	31	14	4	4	10	2

FREQUENCY	CAS	RCD	RP	RAS	RC	FAW	RRDS	RRDL
1468 MHz	17	19	19	39	68	31	7	7
1333 MHz	16	18	18	39	61	30	7	7

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