

DRAM Module | Unbuffered DIMM

240/288-Pin U-DIMM

Speed	Capacity	Model	Voltage
DDR3 1866	2GB	AD3U186622G13	1.5V
	4GB	AD3U1866W4G13	1.5V
	8GB	AD3U1866W8G13	1.5V
DDR3L 1866	2GB	ADDU186622G13	1.35V
	4GB	ADDU1866W4G13	1.35V
	8GB	ADDU1866W8G13	1.35V
DDR4 2400	4GB	AD4U2400W4G17	1.2V
	4GB	AD4U2400J4G17	1.2V
	8GB	AD4U240038G17	1.2V
	16GB	AD4U2400316G17	1.2V

Type	DDR3L U-DIMM Non-ECC	DDR4 U-DIMM Non-ECC
Frequency	1866MHz	2400MHz
Pin Count	240 Pin	288 Pin
Capacity	2GB/4GB/8GB	4GB/8GB/16GB
DRAM Configuration	256M x 8/512M x 8	512M x 8/1024M x 8
Timing CL-tRCD-tRP-tRAS	13-13-13-35	17-17-17-39
Voltage	1.5V/1.35V	1.2V
Rank Number	1Rank/2Rank	1Rank/2Rank
Heat Sink	No	No
Operating Temp.	-10°C to +85°C	-10°C to +85°C
Gold Finger Plating	30 micro inch	30 micro inch
Warranty	Lifetime Warranty	Lifetime Warranty

240/288-Pin ECC U-DIMM

Speed	Capacity	Model	Voltage
DDR3 1600/1866	2GB	AD3E1600C2G11	1.5V
	4GB	AD3E1866W4G13	1.5V
	8GB	AD3E1866W8G13	1.5V
DDR3L 1600/1866	2GB	ADDE1600C2G11	1.35V
	4GB	ADDE1866W4G13	1.35V
	8GB	ADDE1866W8G13	1.35V
DDR4 2400	4GB	AD4E2400W4G17	1.2V
	8GB	AD4E240038G17	1.2V
	16GB	AD4E2400316G17	1.2V

Type	DDR3L ECC DIMM	DDR4 ECC DIMM
Frequency	1600/1866MHz	2400MHz
Pin Count	240 Pin	288 Pin
Capacity	2GB/4GB/8GB	4GB/8GB/16GB
DRAM Configuration	256M x 8/512M x 8	512M x 8/1024M x 8
Timing CL-tRCD-tRP-tRAS	11-11-11-28/13-13-13-35	17-17-17-39
Voltage	1.5V/1.35V	1.2V
Rank Number	1Rank/2Rank	1Rank/2Rank
Heat Sink	No	No
Operating Temp.	-10°C to +85°C	-10°C to +85°C
Gold Finger Plating	30 micro inch	30 micro inch
Warranty	Lifetime Warranty	Lifetime Warranty

240/288-Pin VLP U-DIMM

Speed	Capacity	Model	Voltage
DDR3 1866	2GB	AD3X186622G13	1.5V
	4GB	AD3X1866W4G13	1.5V
	8GB	AD3X1866W8G13	1.5V
DDR3L 1866	2GB	AD3X186622G13	1.35V
	4GB	AD3X1866W4G13	1.35V
	8GB	AD3X1866W8G13	1.35V
DDR4 2400	4GB	AD4X2400W4G17	1.2V
	8GB	AD4X240038G17	1.2V
	16GB	AD4X2400316G17	1.2V

Type	DDR3L VLP U-DIMM	DDR4 VLP U-DIMM
Frequency	1866MHz	2400MHz
Pin Count	240 Pin	288 Pin
Capacity	2GB/4GB/8GB	4GB/8GB/16GB
DRAM Configuration	256M x 8/512M x 8	512M x 8/1024M x 8
Timing CL-tRCD-tRP-tRAS	13-13-13-35	17-17-17-39
Voltage	1.5V/1.35V	1.2V
Rank Number	1Rank/2Rank	1Rank/2Rank
Heat Sink	No	No
Operating Temp.	-10°C to +85°C	-10°C to +85°C
Gold Finger Plating	30 micro inch	30 micro inch
Warranty	Lifetime Warranty	Lifetime Warranty

240/288-Pin VLP ECC U-DIMM

Speed	Capacity	Model	Voltage
DDR3 1600/1866	2GB	AD3C1600C2G11	1.5V
	4GB	AD3C1866W4G13	1.5V
	8GB	AD3C1866W8G13	1.5V
DDR3L 1600/1866	2GB	ADDC1600C2G11	1.35V
	4GB	ADDC1866W4G13	1.35V
	8GB	ADDC1866W8G13	1.35V
DDR4 2400	4GB	AD4C2400W4G17	1.2V
	8GB	AD4C240038G17	1.2V
	16GB	AD4C2400316G17	1.2V

Type	DDR3L VLP ECC DIMM	DDR4 VLP ECC DIMM
Frequency	1600/1866MHz	2400MHz
Pin Count	240 Pin	288 Pin
Capacity	2GB/4GB/8GB	4GB/8GB/16GB
DRAM Configuration	256M x 8/512M x 8	512M x 8/1024M x 8
Timing CL-tRCD-tRP-tRAS	11-11-11-28/13-13-13-35	17-17-17-39
Voltage	1.5V/1.35V	1.2V
Rank Number	1Rank/2Rank	1Rank/2Rank
Heat Sink	No	No
Operating Temp.	-10°C to +85°C	-10°C to +85°C
Gold Finger Plating	30 micro inch	30 micro inch
Warranty	Lifetime Warranty	Lifetime Warranty