

— 工控显示 产品型录

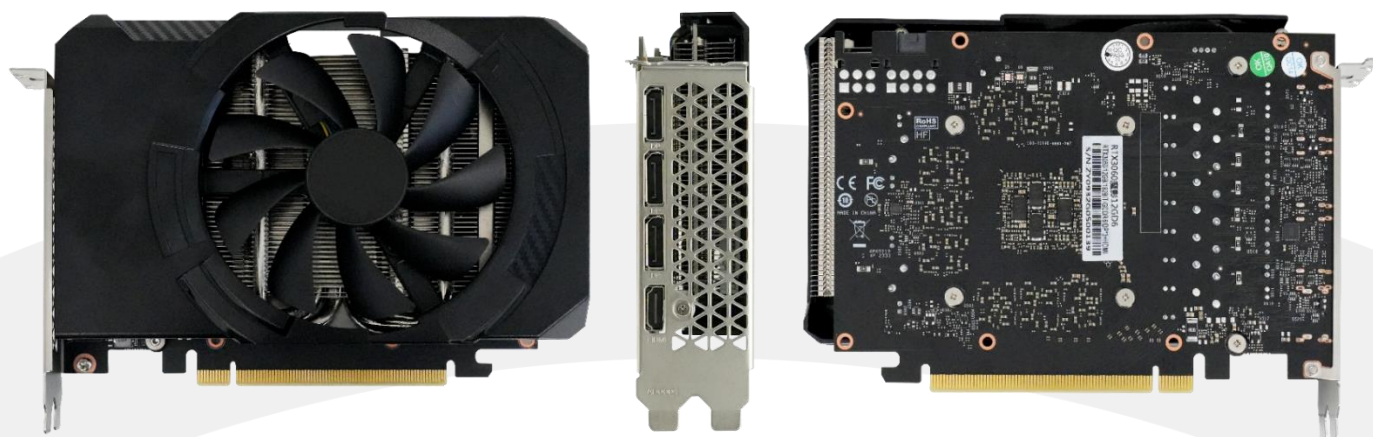
PRODUCT CATALOG 产品型录

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NVIDIA ITX Series

NVIDIA GeForce RTX3060 12G GDDR6 3DP+HDMI ITX PCIe 16x

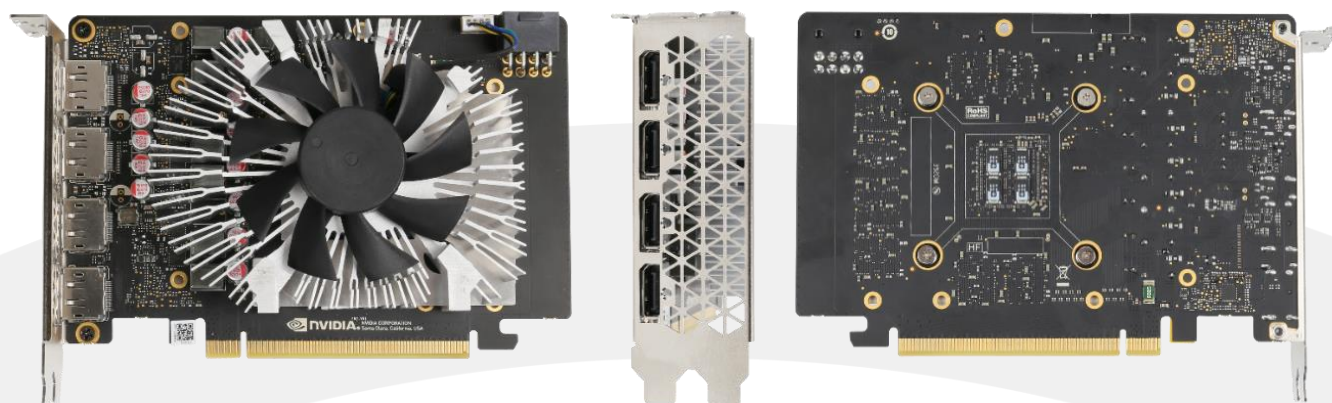


Model	RTX3060 12GD6 3PH ITX
Graphics Processing Unit	NVIDIA GeForce RTX3060
NVIDIA CUDA Core	3584SP
Memory Size	12G 192bit GDDR6
Graphics Clock	1320MHz (Boost 1777MHz)
Memory Clock	1875MHz
Memory Bandwidth	360.0GB/s
Single Precision FLOPS(AIDA64)	13490GFLOPS
Double Precision FLOPS(AIDA64)	211.4GFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX/2Slot (173*124*36.5mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	120W
Operation System	Windows 7/10 64bit、 Windows 11、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark 13	FS:21732
	FSE:10215
	FSU:4961
3Dmark 11	X9997
	P21552
	E25871
3Dmark Vantage	80149
鲁大师	334802
Furmark	72°C

NVIDIA ITX Series

NVIDIA GeForce GTX1660Ti 6G GDDR6 4DP ITX PCIe 16x



Model	GTX1660Ti 6GD6 4P ITX
Graphics Processing Unit	NVIDIA GeForce GTX1660TI
NVIDIA CUDA Core	1536SP
Memory Size	6G 192bit GDDR6
Graphics Clock	1500MHz (Boost 1770MHz)
Memory Clock	1500MHz
Memory Bandwidth	288.0GB/s
Single Precision FLOPS(AIDA64)	5806GFLOPS
Double Precision FLOPS(AIDA64)	181.1GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2Slot (175*126*40mm)
Display Features	4xDisplay Port1.4a
Single Resolution	7680*4320@60Hz
Board Power	120W
External Power	1x8Pins
Operation System	Windows 7/10 64bit、 Windows 11、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Surround (Landscape)	Surround (Portrait)
2x1(3840x1080@60Hz)	2x1(2160x1920@60Hz)
1x2(1920x2160@60Hz)	1x2(1080x3840@60Hz)
3x1(5760x1080@60Hz)	3x1(3240x1920@60Hz)
1x3(1920x3240@60Hz)	1x3(1080x5760@60Hz)
4x1(7680x1080@60Hz)	4x1(1080x7680@60Hz)
1x4(7680x1080@60Hz)	1x4(1080x7680@60Hz)
2x2(3840x2160@60Hz)	2x2(2160x3840@60Hz)

Benchmark	Score
Heaven	3366
鲁大师	179706
Furmark	90°C

NVIDIA ITX Series

NVIDIA GeForce GTX1660 Super 6G GDDR6 4DP ITX PCIe 16x



Model	GTX1660S 6GD6 4P ITX
Graphics Processing Unit	NVIDIA GeForce GTX1660 Super
NVIDIA CUDA Core	1408SP
Memory Size	6G 192bit GDDR6
Graphics Clock	1530MHz (Boost 1785MHz)
Memory Clock	1750MHz
Memory Bandwidth	336.0GB/s
Single Precision FLOPS(AIDA64)	5327GFLOPS
Double Precision FLOPS(AIDA64)	165.8GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2Slot (175*126*40mm)
Display Features	4xDisplay Port1.4a
Single Resolution	7680*4320@60Hz
Board Power	125W
Operation System	Windows 7/10 64bit、 Windows 11、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Surround(Landscape)	Surround(Portrait)
2x1(3840x1080@60Hz)	2x1(2160x1920@60Hz)
1x2(1920x2160@60Hz)	1x2(1080x3840@60Hz)
3x1(5760x1080@60Hz)	3x1(3240x1920@60Hz)
1x3(1920x3240@60Hz)	1x3(1080x5760@60Hz)
4x1(7680x1080@60Hz)	4x1(1080x7680@60Hz)
1x4(7680x1080@60Hz)	1x4(1080x7680@60Hz)
2x2(3840x2160@60Hz)	2x2(2160x3840@60Hz)

Benchmark	Score
3Dmark11	X6428
	P12328
	E13116
鲁大师	186825
Furmark	90°C

NVIDIA ITX Series

NVIDIA GeForce GTX1050Ti 4G GDDR5 DP+HDMI+DVI ITX PCIe 16x



Model	GTX1050Ti 4GD5 PHD ITX
Graphics Processing Unit	NVIDIA GeForce GTX1050Ti
NVIDIA CUDA Core	768SP
Memory Size	4G 128bit GDDR5
Graphics Clock	1354MHz (Boost 1468MHz)
Memory Clock	1354MHz (5.4Gbps)
Memory Bandwidth	112.1GB/s
Single Precision FLOPS(AIDA64)	2636GFLOPS
Double Precision FLOPS(AIDA64)	83.47GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ITX/2 Slot (158*126*41mm)
Display Features	Display Port1.2+HDMI1.4+DVI
Single Resolution	DP:4096*2160@60Hz HDMI:2560*1600@60Hz DVI:1920*1080@60Hz
Board Power	75W
External Power	N/A
Operation System	Windows Vista/7/8/8.1/10 32/64bit、 Linux 32/64bit
Operating Temperature	0~45°C
Operating Humidity	0~95% (non-condensing)

Benchmark	Score
3Dmark13	FS:7573
	FSE:3580
	FSU:1741
3Dmark11	X3490
	P9581
	E14060
3Dmark Vantage	35911
鲁大师	91911
glmark2	10066
Furmark	55°C

NVIDIA ITX Series

NVIDIA GeForce GTX1050 2G GDDR5 DP+HDMI+DVI ITX PCIe 16x

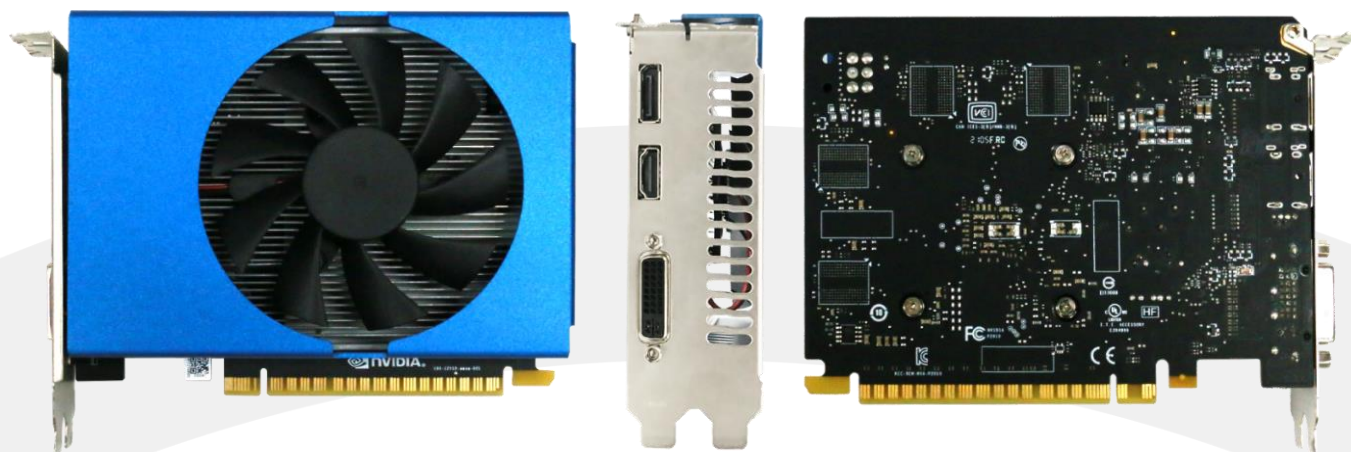


Model	GTX1050 2GD5 PHD ITX
Graphics Processing Unit	NVIDIA GeForce GTX1050
NVIDIA CUDA Core	640SP
Memory Size	2G 128bit GDDR5
Graphics Clock	1354MHz (Boost 1455MHz)
Memory Clock	1752MHz (7.0Gbps)
Memory Bandwidth	112.1GB/s
Single Precision FLOPS(AIDA64)	1825GFLOPS
Double Precision FLOPS(AIDA64)	57.88GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ITX/2 Slot (158*126*41mm)
Display Features	Display Port1.2+HDMI1.4+DVI
Single Resolution	DP:4096*2160@60Hz HDMI:2560*1600@60Hz DVI:1920*1080@60Hz
Board Power	75W
External Power	N/A
Operation System	Windows Vista/7/8/8.1/10 32/64bit、Linux 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:5675
3Dmark11	P7875 X2786
3Dmark Vantage	20696
鲁大师	2478
glmark2	73478

NVIDIA ITX Series

NVIDIA GeForce GTX750Ti 2G GDDR5 DP+HDMI+DVI ITX PCIe 16x

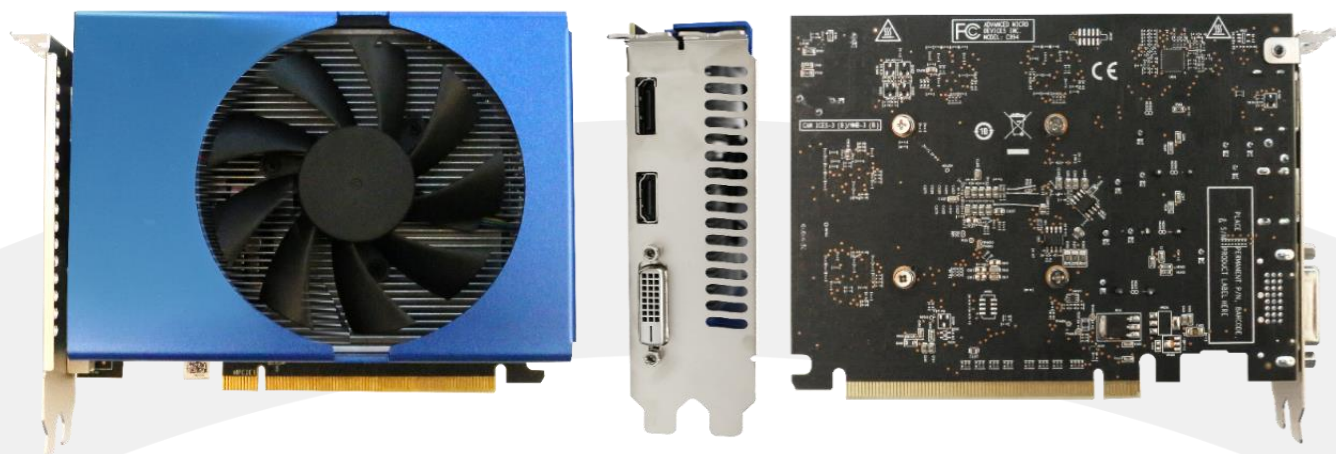


Model	GTX750Ti 2GD5 PHD ITX
Graphics Processing Unit	NVIDIA GeForce GTX750Ti
NVIDIA CUDA Core	640SP
Memory Size	2G 128bit GDDR5
Graphics Clock	1189MHz (Boost 1268MHz)
Memory Clock	1350MHz (5.4 Gbps)
Memory Bandwidth	86.4GB/s
Single Precision FLOPS(AIDA64)	1644GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ITX/2 Slot (171*120*40mm)
Display Features	Display Port1.2+HDMI1.4+Dual Link DVI
Single Resolution	DP:4096*2160@60Hz HDMI:2560*1600@60Hz DVI:2560*1600@60Hz
Board Power	60W
Operation System	Windows XP/Vista/7/8/8.1/10 32/64bit、Linux 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)

Benchmark	Score
3Dmark13	FS:4934
	FSE:2265
	FSU:814
3Dmark11	X2089
	P6290
	E9893
3Dmark Vantage	23546
Heaven	729
鲁大师	60021
glmark2	8365
Furmark	84°C

AMD ITX Series

AMD Radeon RX550 4G GDDR5 DP+HDMI+DL-DVI ITX PCIe 16x



Model	RX550 4GD5 PHD ITX
Graphics Processing Unit	AMD Radeon RX550
NVIDIA CUDA Core	512SP
Memory Size	4G 128bit GDDR5
Graphics Clock	1183MHz
Memory Clock	1500MHz (6.0Gbps)
Memory Bandwidth	96.0GB/s
Single Precision FLOPS(AIDA64)	1199GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ITX/2 Slot (148*111*42mm)
Display Features	Display Port1.2+HDMI1.4+Dual Link DVI
Single Resolution	DP:7680*4320@60Hz HDMI:4096*2160@60Hz DVI:2560*1600@60Hz
Board Power	50W
External Power	N/A
Operation System	Windows 7/10/11 64bit、Linux 64bit
Operating Temperature	0~45°C
Operating Humidity	0~95% (non-condensing)

Benchmark	Score
3Dmark13	FS:4306
	FSE:1928
	FSU:958
3Dmark11	X1406
	P6200
	E9039
3Dmark Vantage	15793
Heaven	403
鲁大师	52480
glmark2	5549
Furmark	79°C

PCIe 8x Series

NVIDIA GeForce GT730 2G DDR3 VGA+2HDMI SFF PCIe 8x



Model	GT730 2GD3 V2H 8X
Graphics Processing Unit	NVIDIA GeForce GT730
Shader Processing Units	192SP
Graphics Clock	902MHz
Memory Clock	900MHz
Memory Size	2G 64bit DDR3
Memory Bandwidth	14.4GB/s
Interface	PCI-Express 2.1 8x
Board Dimensions	SFF/1 Slot (145*69*17mm)
Display Features	VGA+2xHDMI1.4a
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz
Board Power	49W
External Power	N/A
Operation System	Windows XP/Vista/7/8/8.1/10 32/64bit, Windows 11、Linux 32/64bit
DirectX	12
OpenGL	4.6
Accessories	Low Profile Bracket (2HDMI & VGA)、Manual、 Driver CD
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

PCI-E 8x Series

AMD Radeon R5 230 1G DDR3 VGA+2HDMI SFF PCIe 8x



Feature:

- 二屏显示器克隆显示一画面。
- 二屏显示器横放（横向 / 竖向）拼接显示一画面。
- 二屏显示器竖放（横向 / 竖向）拼接显示一画面。
- 二屏显示器独立显示不同画面。

Model	R5 230 1GD3 V2H 8X
Graphics Processing Unit	AMD Radeon R5 230
Shader Processing Units	160SP
Graphics Clock	625MHz
Memory Clock	800MHz
Memory Size	1G 64bit DDR3
Interface	PCI-Express 2.1 8x
Board Dimensions	SFF/1 Slot (168*69*17mm)
Display Features	VGA+2xHDMI1.4a
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz
Board Power	19W
Operation System	Windows Vista/7/8/8.1/10 32/64bit、 Linux 32/64bit
Accessories	Low Profile Bracket (2HDMI & VGA)、 Manual、 Driver CD
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Eyefinity (Landscape)	Eyefinity (Portrait)
2x1(3840x1080@60Hz)	2x1(2160x1920@60Hz)
1x2(1920x2160@60Hz)	1x2(1080x3840@60Hz)

PCIe 1x Series

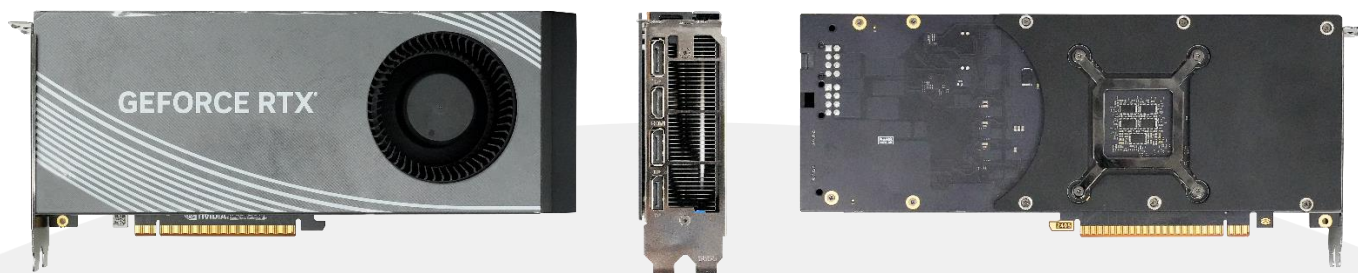
NVIDIA GeForce G210 1G DDR3 VGA+HDMI+DVI SFF PCIe 1X



Model	G210 1GD3 VHD 1X
Graphics Processing Unit	NVIDIA GeForce G210
NVIDIA CUDA Core	16SP
Memory Size	1G 64bit DDR3
Graphics Clock	589MHz
Memory Clock	500MHz
Interface	PCI-Express 1.1 1x
Board Dimensions	SFF/1 Slot (150*69*15mm)
Display Features	VGA+HDMI1.4+Dual Link DVI-I
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz DVI: 2560x1600@60Hz
Cooling	Fan
Board Power	30W
Operation System	Windows XP/Vista/7/8/8.1/10 64bit、Linux 64bit
DirectX	10.1
OpenGL	3.1
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operatig Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX4090m 16G GDDR6 3DP+HDMI PCIe 16x



Model	RTX4090m 16GD6 3PH
Graphics Processing Unit	NVIDIA GeForce RTX4090
NVIDIA CUDA Core	9728SP
Memory Size	16G 256bit GDDR6
Graphics Clock	1620MHz(Boost 2040MHz)
Memory Clock	2250MHz
Memory Bandwidth	576.0GB/s
Single Precision FLOPS(AIDA64)	44527GFLOPS
Double Precision FLOPS(AIDA64)	706.1GFLOPS
Tensor Cores	304 Tensor Cores
RT FLOPS	76 RT TFLOPS
L1 Cache	128KB (per SM)
L2 Cache	64MB
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX/2Slot(267*111*42mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	240W
External Power	1 x 8Pins
Operation System	Windows 10 64bit、 Windows 11、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C

Benchmark	Score
3Dmark13	FS:53769
	FSE:28117
	FSU:14416
3Dmark11	X20789
	P29650
	E28569
3Dmark Vantage	108873
Heaven	10021
鲁大师	880340
Furmark	80°C

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3090 24G GDDR6X 3DP+HDMI PCIe 16x

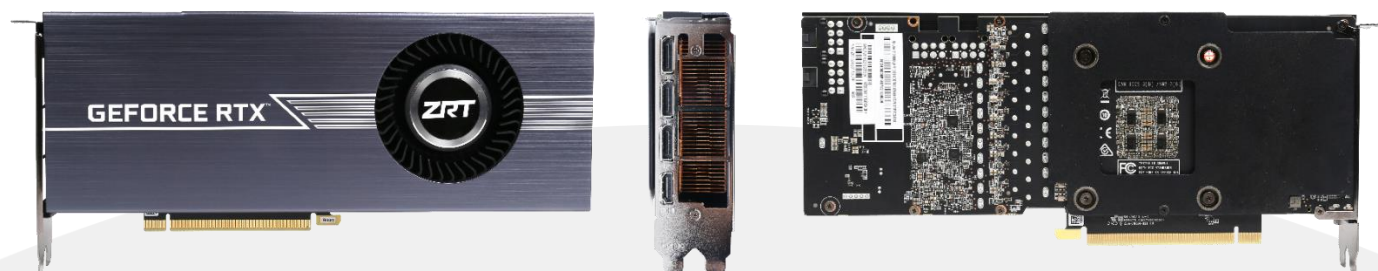


Model	RTX3090 24GD6X 3DH
Graphics Processing Unit	NVIDIA GeForce RTX3090
NVIDIA CUDA Core	10496SP
Memory Size	24G 384bit GDDR6X
Graphics Clock	1395MHz
Memory Clock	1219MHz
Memory Bandwidth	936.2GB/s
Single Precision FLOPS(AIDA64)	34511GFLOPS
Double Precision FLOPS(AIDA64)	642.1GFLOPS
Tensor Cores	328 Tensor Cores
Tensor FLOPS	285 Tensor TFLOPS
RT FLOPS	69 RT TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX (324*122*56mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	350W
Operation System	Windows 7/10 64bit、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:34198
	FSE:22672
	FSU:11730
3Dmark11	X12860
	P14576
	E12950
Heaven	6058
鲁大师	402008
Furmark	68°C

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3080 10G GDDR6X 3DP+HDMI PCIe 16x



Model	RTX3080 10GD6X 3PH Turbo
Graphics Processing Unit	NVIDIA GeForce RTX3080
NVIDIA CUDA Core	8704SP
Memory Size	10G 320bit GDDR6X
Graphics Clock	1440MHz (Boost 1710MHz)
Memory Clock	1188MHz
Memory Bandwidth	760.3GB/s
Single Precision FLOPS(AIDA64)	30212GFLOPS
Double Precision FLOPS(AIDA64)	511.2GFLOPS
Tensor Cores	272 Tensor Cores
Tensor FLOPS	238 Tensor TFLOPS
RT FLOPS	58 RT TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX/2Slot (280*125*42mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	320W
Operation System	Windows 7/10 64bit、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:40963
	FSE:20705
	FSU:10647
3Dmark11	X17075
	P14419
	E28428
Heaven	9338
鲁大师	655475
Furmark	66°C

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3080 10G GDDR6X 3DP+HDMI PCIe 16x



Model	RTX3080 10GD6X 3PH
Graphics Processing Unit	NVIDIA GeForce RTX3080
NVIDIA CUDA Core	8704SP
Memory Size	10G 320bit GDDR6X
Graphics Clock	1440MHz
Memory Clock	1188MHz
Memory Bandwidth	760.3GB/s
Single Precision FLOPS(AIDA64)	29616GFLOPS
Double Precision FLOPS(AIDA64)	517.9GFLOPS
Tensor Cores	272 Tensor Cores
Tensor FLOPS	238 Tensor TFLOPS
RT FLOPS	58 RT TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX (324*122*56mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	320W
Operation System	Windows 7/10 64bit、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:33206
	FSE:19820
	FSU:10345
3Dmark11	X12165
	P14419
	E13044
Heaven	5708
鲁大师	397541

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3070 8G GDDR6 3DP+HDMI PCIe 16x



Model	RTX3070 8GD6 3DH
Graphics Processing Unit	NVIDIA GeForce RTX3070
NVIDIA CUDA Core	5888SP
Memory Size	8G 256bit GDDR6
Graphics Clock	1500MHz
Memory Clock	1750MHz
Memory Bandwidth	448.0GB/s
Single Precision FLOPS(AIDA64)	22872GFLOPS
Double Precision FLOPS(AIDA64)	357.7GFLOPS
Tensor Cores	184 Tensor Cores
Tensor FLOPS	163 Tensor TFLOPS
RT FLOPS	40 RT TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX (170*112*57mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	320W
Operation System	Windows 7/10 64bit、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:33874
	FSE:16740
	FSU:8537
3Dmark11	X13889
	P22977
	E23059
Heaven	7094
鲁大师	487372
Furmark	62°C

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3060Ti 8G GDDR6 3DP+HDMI PCIe 16x

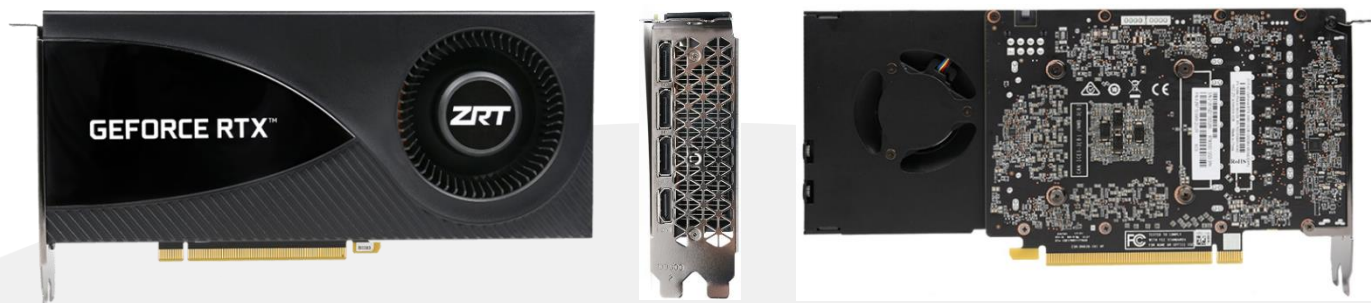


Model	RTX3060Ti 8GD6 3PH
Graphics Processing Unit	NVIDIA GeForce RTX3060Ti
NVIDIA CUDA Core	4864SP
Memory Size	8G 256bit GDDR6
Graphics Clock	1410MHz
Memory Clock	1750MHz
Memory Bandwidth	448.0GB/s
Single Precision FLOPS(AIDA64)	18737GFLOPS
Double Precision FLOPS(AIDA64)	293.3GFLOPS
Tensor Cores	152 Tensor Cores
Tensor FLOPS	130 Tensor TFLOPS
RT FLOPS	38 RT TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX (262*128*41mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	200W
Operation System	Windows 7/10 64bit、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:28949
	FSE:14079
	FSU:7103
3Dmark11	X11804
	P20549
	E21362
Heaven	6892
鲁大师	420032
Furmark	72°C

NVIDIA PCIe 16x Series

NVIDIA GeForce RTX3060 12G GDDR6 3DP+HDMI PCIe 16x



Model	RTX3060 12GD6 3PH Turbo
Graphics Processing Unit	NVIDIA GeForce RTX3060
NVIDIA CUDA Core	3584SP
Memory Size	12G 192bit GDDR6
Graphics Clock	1320MHz (Boost 1777MHz)
Memory Clock	1875MHz
Memory Bandwidth	360.0GB/s
Single Precision FLOPS(AIDA64)	13589GFLOPS
Double Precision FLOPS(AIDA64)	212.0GFLOPS
Tensor Cores	112 Tensor Cores
Tensor FLOPS	102 Tensor TFLOPS
Interface	PCI-Express 4.0 16x
Board Dimensions	ATX/2 Slot (233*111*38.7mm)
Display Features	3xDisplay Port1.4a+HDMI2.1
Single Resolution	Display Port:7680*4320@60Hz HDMI:7680*4320@60Hz
Board Power	170W
Operation System	Windows 7/10 64bit、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:21523
	FSE:10340
	FSU:5068
3Dmark11	X9933
	P20592
	E24472
Heaven	5051
鲁大师	338524
Furmark	70°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GTX1660Ti 6G GDDR6 DP+HDMI+DVI PCIe 16x



Model	GTX1660Ti 6GD6 PHD
Graphics Processing Unit	NVIDIA GeForce GTX1660Ti
NVIDIA CUDA Core	1536SP
Memory Size	6G 192bit GDDR6
Graphics Clock	1500MHz (Boost 1770MHz)
Memory Clock	1500MHz
Memory Bandwidth	288.0GB/s
Single Precision FLOPS(AIDA64)	5837GFLOPS
Double Precision FLOPS(AIDA64)	181.4GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2Slot (210*110*36mm)
Display Features	Display Port1.4a+HDMI2.0+DVI
Single Resolution	Display Port:7680*4320@60Hz HDMI:3840*2160@60Hz DVI:1920*1080@60Hz
Board Power	120W
Operation System	Windows 7/10 64bit、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:16245
	FSE:7307
	FSU:3156
3Dmark11	X7201
	P16047
	E19163
Heaven	2081
Basemark GPU	6100
鲁大师	199656
Furmark	74°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GTX1080Ti 11G GDDR5X 3DP+HDMI PCIe 16x



Model	GTX1080Ti 11GD5X 3PH
Graphics Processing Unit	NVIDIA GeForce GTX1080Ti
NVIDIA CUDA Core	3584SP
Memory Size	11G 352bit GDDR5X
Graphics Clock	1481MHz (Boost 1582MHz)
Memory Clock	1376MHz
Memory Bandwidth	484.4GB/s
Single Precision FLOPS(AIDA64)	12655GFLOPS
Double Precision FLOPS(AIDA64)	413.7GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (268*111*40mm)
Display Features	3xDisplay Port1.4a+HDMI2.0
Single Resolution	Display Port:7680*4320@60Hz HDMI:3840*2160@60Hz
Board Power	250W
Operation System	Windows 7/8/8.1/10 64bit、 Windows 11、 Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:27431
	FSE:13611
	FSU:6796
3Dmark11	X12563
	P25502
	E28794
3Dmark Vantage	48694
Heaven	7156
鲁大师	358903
Furmark	85°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GTX1050Ti 4G GDDR5 DP+HDMI+DVI PCIe 16x



Model	GTX1050Ti 4GD5 PHD
Graphics Processing Unit	NVIDIA GeForce GTX1050Ti
NVIDIA CUDA Core	768SP
Memory Size	4G 128bit GDDR5
Graphics Clock	1291MHz (Boost 1392MHz)
Memory Clock	1752MHz (7.0 Gbps)
Memory Bandwidth	112.1GB/s
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (185*111*40mm)
Display Features	Display Port1.4+HDMI2.0+DVI-D
Single Resolution	DP:7680*4320@60Hz HDMI:4096*2160@60Hz DVI:1920*1080@60Hz
Board Power	75W
Operation System	Windows Vista/7/8/8.1/10 32/64bit、 Linux 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:7348
3Dmark11	X3480 P9803
3Dmark Vantage	24395
Heaven	3072
鲁大师	88327
Furmark	57°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GTX1050 2G GDDR5 DP+HDMI+DVI PCIe 16x



Model	GTX1050 2GD5 PHD
Graphics Processing Unit	NVIDIA GeForce GTX1050
NVIDIA CUDA Core	640SP
Memory Size	2G 128bit GDDR5
Graphics Clock	1354MHz (Boost 1455MHz)
Memory Clock	1752MHz (7.0 Gbps)
Memory Bandwidth	112.1GB/s
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (185*111*40mm)
Display Features	Display Port1.4+HDMI2.0+DVI-D
Single Resolution	DP:7680*4320@60Hz HDMI:4096*2160@60Hz DVI:1920*1080@60Hz
Board Power	75W
Operation System	Windows Vista/7/8/8.1/10 32/64bit、Linux 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FSE:3196
3Dmark11	X2678
	P7477
	E10978
3Dmark Vantage	31580
鲁大师	80281
Furmark	57°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GT730 2G GDDR5 HDMI+VGA+DVI PCIe 16x

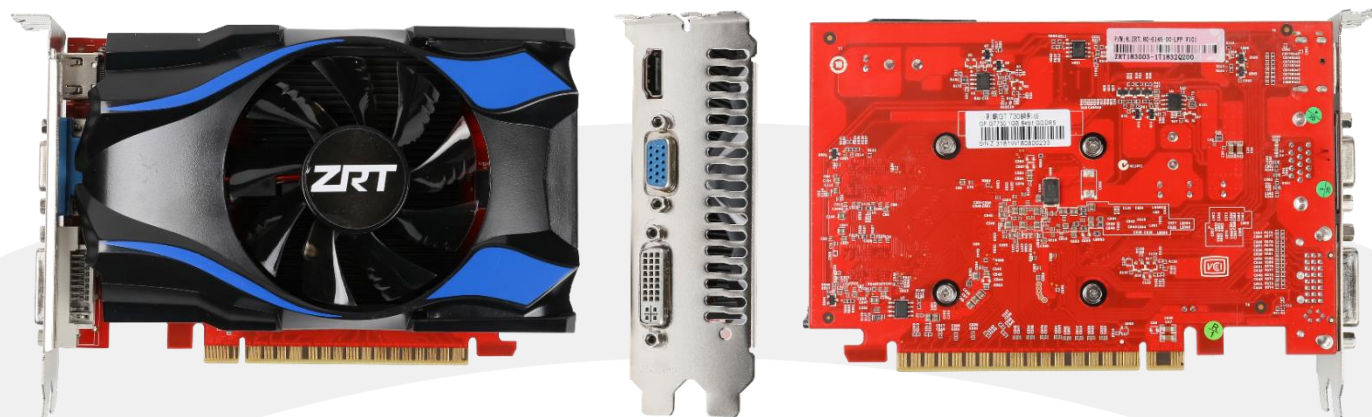


Model	GT730 2GD5 HVD
Graphics Processing Unit	NVIDIA GeForce GT730
NVIDIA CUDA Core	384SP
Memory Size	2G 64bit GDDR5
Graphics Clock	902MHz
Memory Clock	1253MHz (5.0 Gbps)
Memory Bandwidth	40.1GB/s
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (155*102*30mm)
Display Features	HDMI1.4+VGA+DVI-D
Single Resolution	HDMI:2560*1600@60Hz VGA:2048*1536@60Hz DVI:1920*1080@60Hz
Board Power	49W
Operation System	Windows XP/Vista/7/8/8.1/1064bit、Windows 11、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:1486
3Dmark11	X678 P2335
3Dmark Vantage	4564
鲁大师	17336
Furmark	47°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GT730 1G GDDR5 HDMI+VGA+DVI PCIe 16x

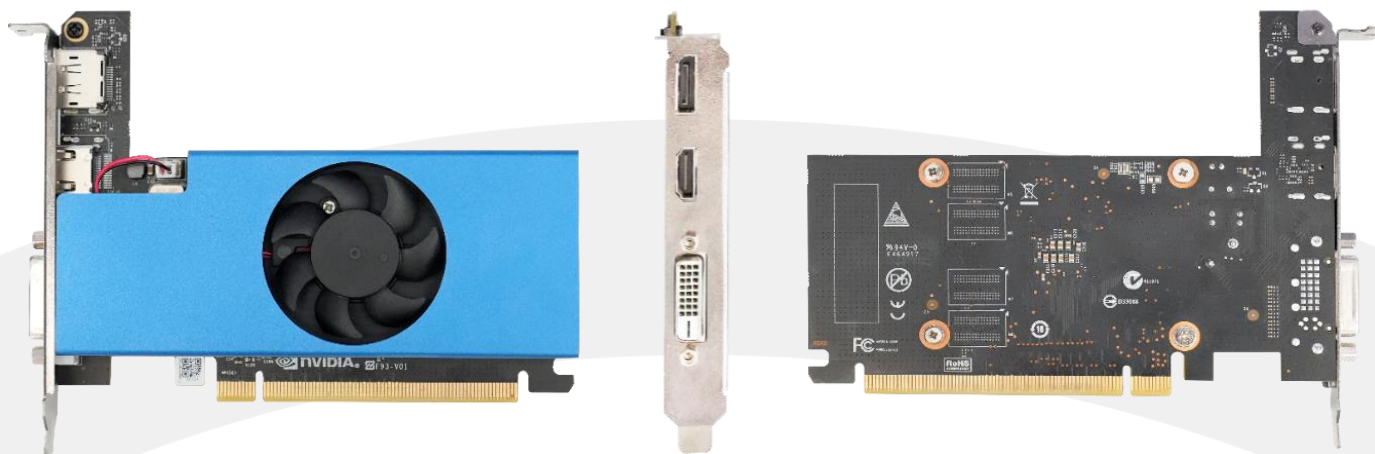


Model	GT730 1GD5 HVD
Graphics Processing Unit	NVIDIA GeForce GT730
NVIDIA CUDA Core	192SP
Memory Size	2G 64bit GDDR5
Graphics Clock	902MHz
Memory Clock	1253MHz (5.0 Gbps)
Memory Bandwidth	40.1GB/s
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (155*102*30mm)
Display Features	HDMI1.4+VGA+DVI-D
Single Resolution	HDMI:2560*1600@60Hz VGA:2048*1536@60Hz DVI:1920*1080@60Hz
Board Power	49W
Operation System	Windows XP/Vista/7/8/8.1/1064bit、Windows 11、Linux 64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13	FS:261
3Dmark11	X404 P1357
3Dmark Vantage	2571
鲁大师	9734
Furmark	40°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GT730 2G DDR3 Display Port+HDMI+DVI PCIe 16x



Model	GT730 2GD3 PHD
Graphics Processing Unit	NVIDIA GeForce GT730
Shader Processing Units	384SP
Graphics Clock	902MHz
Single Precision FLOPS(AIDA64)	590.1GFLOPS
Double Precision FLOPS(AIDA64)	28.84GFLOPS
Memory Size	2G 64bit DDR3
Memory Clock	900MHz (1800MHz)
Memory Bandwidth	14.4GB/s
Interface	PCI-Express 2.0 16x(By 8x)
Board Dimensions	ATX/1 Slot (159*127.1*22mm)
Display Features	Display Port1.2+HDMI1.4+Dual Link DVI-I
Single Resolution	Display Port:4096*2160@60Hz HDMI: 4096*2160@60Hz DVI:2560*1600@60Hz
Board Power	35W
Operation System	Windows Vista/7/8/8.1/10 64bit、 Windows 11、 Linux 64bit
DirectX / OpenGL	12 / 4.6
Operating Temperature	0~45°C
Operating Humidity	0~95%(non-condensing)

Benchmark	Score
3Dmark Vantage	4972
3Dmark 11	X536 P1926 E3235
3Dmark 13	FS:1120 FSE:489
鲁大师	14832
Heaven	116
Furmark	52°C

NVIDIA PCIe 16x Series

NVIDIA GeForce GT710 2G DDR3 VGA+HDMI+DP PCIe 16x



Model	GT710 2GD3 VHD
Graphics Processing Unit	NVIDIA GeForce GT710
NVIDIA CUDA Core	96SP
Memory Size	2G 64bit DDR3
Graphics Clock	700MHz
Memory Clock	667MHz
Interface	PCI-Express 2.0 16x
Board Dimensions	SFF/1 Slot (158.5*105*19mm)
Display Features	VGA+HDMI1.4+DVI-D
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz DVI: 1920x1080@60Hz
Board Power	19W
Operation System	Windows XP/Vista/7/8/8.1/10 32/64bit、Linux 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark11	X284
	E1750
	P1003
3Dmark Vantage	2604
Heaven	116
鲁大师	8228
Furmark	74°C

AMD PCIe 16x Series

AMD Radeon R7 250 2G GDDR5 VGA+HDMI+DVI PCIe 16x

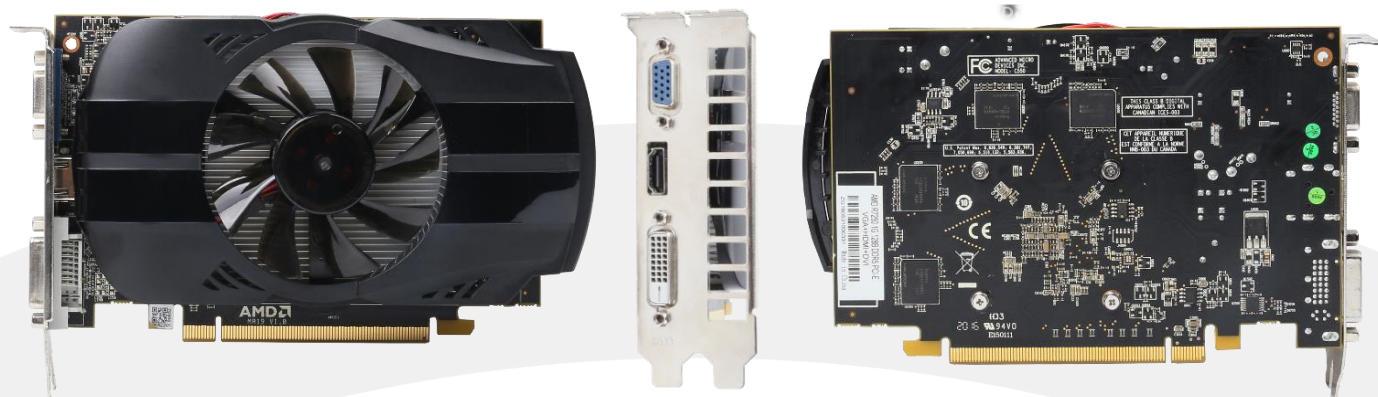


Model	R7 250 2GD5 VHD
Graphics Processing Unit	AMD Radeon R7 250
Shader Processing Units	384SP
Memory Size	2G 128bit GDDR5
Graphics Clock	450MHz
Memory Clock	1150MHz (4.6Gbps)
Memory Bandwidth	73.6GB/s
Single Precision FLOPS	344.2GFLOPS
Double Precision FLOPS	21.55GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (167*111*39mm)
Display Features	VGA+HDMI1.4+DVI-D
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz DVI:1920*1080@60Hz
Board Power	65W
Operation System	Windows XP/Vista/7/8/8.1/10 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark13 FS	1180
3Dmark11	E2569
	P1704
	X416
3Dmark Vantage	4943
Heaven	262
鲁大师	15654
Furmark	61°C

AMD PCIe 16x Series

AMD Radeon R7 250 1G GDDR5 VGA+HDMI+DVI PCIe 16x

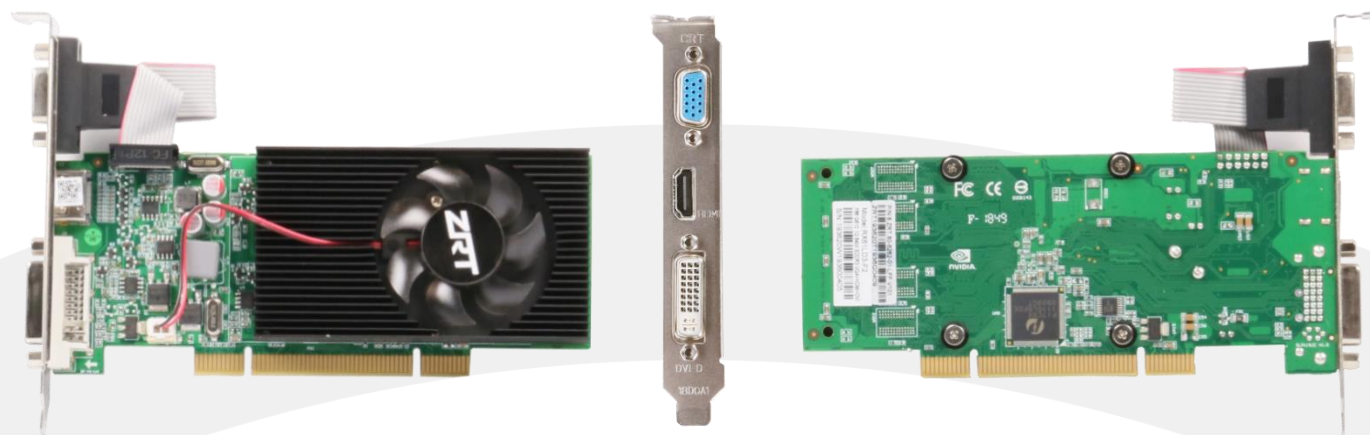


Model	R7 250 1GD5 VHD
Graphics Processing Unit	AMD Radeon R7 250
Shader Processing Units	384SP
Memory Size	1G 128bit GDDR5
Graphics Clock	1050MHz
Memory Clock	1000MHz (4.0Gbps)
Memory Bandwidth	64.0GB/s
Single Precision FLOPS	778.4GFLOPS
Double Precision FLOPS	50.1GFLOPS
Interface	PCI-Express 3.0 16x
Board Dimensions	ATX/2 Slot (181*111*40mm)
Display Features	VGA+HDMI1.4+DVI-D
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz DVI:1920*1080@60Hz
Board Power	65W
Operation System	Windows 10/8.1/8/7/Vista/XP 32/64bit
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

Benchmark	Score
3Dmark11	E5189
	P3565
	X882
3Dmark Vantage	10198
Heaven	268
鲁大师	31842
Furmark	76°C

PCI Series

NVIDIA GeForce G610 1G DDR3 VGA+HDMI+DVI SFF PCI



Model	G610 1GD3 VHD PCI
Graphics Processing Unit	NVIDIA GeForce G610
NVIDIA CUDA Core	48SP
Memory Size	1G 64bit DDR3
Graphics Clock	810MHz
Memory Clock	500MHz
Memory Bandwidth	8.0GB/s
Interface	PCI
Board Dimensions	SFF/1 Slot (162*65*16mm)
Display Features	VGA+HDMI1.4+Dual Link DVI-I
Single Resolution	VGA:2048*1536@60Hz HDMI:2560*1600@60Hz DVI: 2560x1600@60Hz
Cooling	Fan
Board Power	29W
Operation System	Windows Vista/7/8/8.1/10 64bit、Linux 64bit
DirectX	12
OpenGL	4.2
Operating Temperature	0~45°C
Storage Temperature	-20~75°C
Operating Humidity	0~95% (non-condensing)
Storage Humidity	10~90%

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