

Chaintech Technology Corporation

Investment Conference

2022.12.16

Declaration



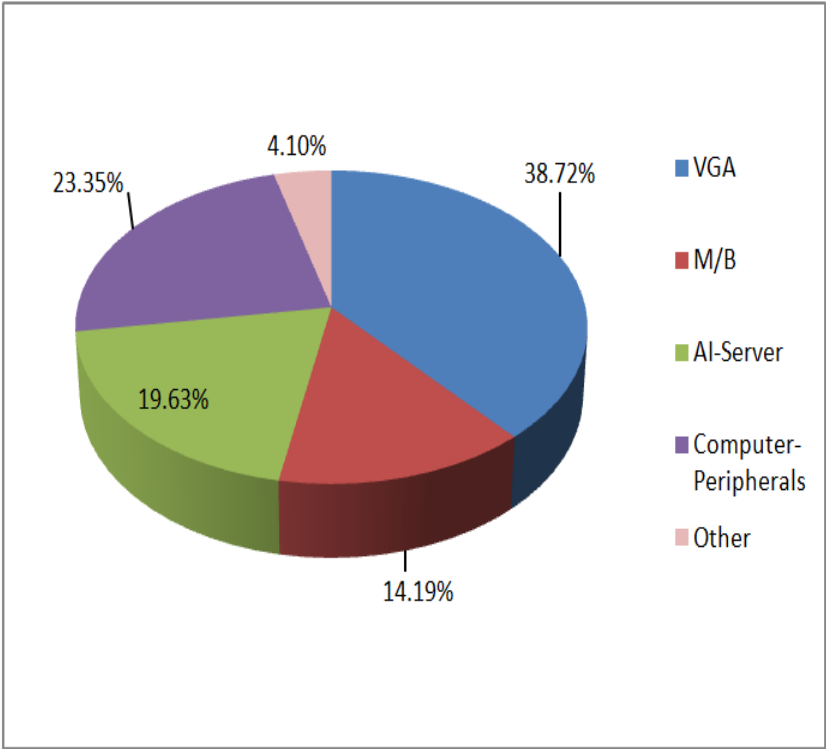
The Information in this document will not contain financial forecasts and all is available on TSE MOPS.

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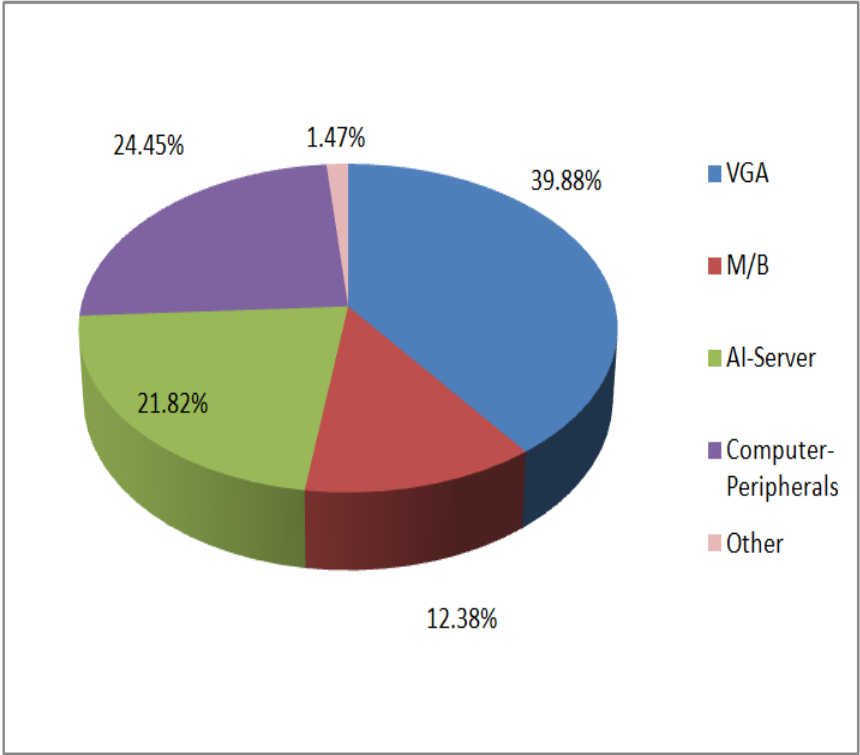
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1. Product Portfolio



Operating Revenue from 2022 Q1 to Q3

VGA	M/B	AI-Server	Computer-Peripherals	Other	Total
38.72%	14.19%	19.63%	23.35%	4.10%	100.00%



Operating Revenue of 2021

VGA	M/B	AI-Server	Computer-Peripherals	Other	Total
39.88%	12.38%	21.82%	24.45%	1.47%	100.00%

2. Statement of Comprehensive Income(QoQ)

CHAINTECH

Unit: KNTD

Accounting Title	2022 Q3		2022 Q2		QoQ(%)	
Operating revenue	1,619,038	100%	1,625,793	100%	(6,755)	0%
Operating costs	(1,425,381)	-88%	(1,459,541)	-90%	34,160	2%
Gross Profit (loss) from operations	193,657	12%	166,252	10%	27,405	2%
Operating expense						
Selling expenses	(41,005)	-3%	(38,421)	-2%	(2,584)	0%
Administrative expenses	(44,312)	-3%	(41,620)	-3%	(2,692)	0%
Research and development expenses	(10,211)	-1%	(6,482)	0%	(3,729)	0%
Impairment loss determined in accordance with IFRS9	6,571	0%	8,246	1%	(1,675)	0%
Total operating expenses	(88,957)	-5%	(78,277)	-5%	(10,680)	-1%
Net operating income (loss)	104,700	6%	87,975	5%	16,725	1%
Total Non-operating income and expenses	86,308	5%	35,942	2%	50,366	3%
Profit (loss) from continuing operations before tax	191,008	12%	123,917	8%	67,091	4%
Total tax expense (income)	(29,241)	-2%	(23,131)	-1%	(6,110)	0%
Profit (loss) from continuing operations	161,767	10%	100,786	6%	60,981	4%
Profit (loss), attributable to						
owners of parent	144,679	9%	101,387	6%	43,292	3%
non-controlling interests	17,088	1%	(601)	0%	17,689	1%
Profit (loss)	161,767	10%	100,786	6%	60,981	4%
Diluted earnings (loss) per share	1.50		1.05			

Source: Consolidated condensed financial report reviewed by public accountants

2. Statement of Comprehensive Income(YoY)

CHAINTECH

Unit: KNTD

Accounting Title	2022 Q3		2021 Q3		2022 Q1-Q3		2021 Q1-Q3		Q3 YoY(%)		Q1-Q3 YOY(%)	
Operating revenue	1,619,038	100%	1,766,067	100%	4,697,112	100%	4,541,547	100%	(147,029)	-8%	155,565	3%
Operating costs	(1,425,381)	-88%	(1,592,008)	-90%	(4,198,632)	-89%	(4,072,295)	-90%	166,627	9%	(126,337)	-3%
Gross Profit (loss) from operations	193,657	12%	174,059	10%	498,480	11%	469,252	10%	19,598	1%	29,228	1%
Operating expense												
Selling expenses	(41,005)	-3%	(35,950)	-2%	(111,787)	-2%	(109,109)	-2%	(5,055)	0%	(2,678)	0%
Administrative expenses	(44,312)	-3%	(25,748)	-1%	(116,974)	-2%	(62,764)	-1%	(18,564)	-1%	(54,210)	-1%
Research and development expenses	(10,211)	-1%	(5,468)	0%	(21,835)	0%	(15,840)	0%	(4,743)	0%	(5,995)	0%
Impairment loss determined in accordance with IFRS9	6,571	0%	(5,514)	0%	11,960	0%	(23,541)	-1%	12,085	1%	35,501	1%
Total operating expenses	(88,957)	-5%	(72,680)	-4%	(238,636)	-5%	(211,254)	-5%	(16,277)	-1%	(27,382)	-1%
Net operating income (loss)	104,700	6%	101,379	6%	259,844	6%	257,998	6%	3,321	0%	1,846	0%
Total Non-operating income and expenses	86,308	5%	(33,201)	-2%	151,782	3%	(134,667)	-3%	119,509	7%	286,449	6%
Profit (loss) from continuing operations before tax	191,008	12%	68,178	4%	411,626	9%	123,331	3%	122,830	7%	288,295	6%
Total tax expense (income)	(29,241)	-2%	(21,745)	-1%	(73,466)	-2%	(29,680)	-1%	(7,496)	0%	(43,786)	-1%
Profit (loss) from continuing operations	161,767	10%	46,433	3%	338,160	7%	93,651	2%	115,334	7%	244,509	5%
Profit (loss), attributable to owners of parent	144,679	9%	38,161	2%	315,049	7%	57,129	1%	106,518	6%	257,920	6%
non-controlling interests	17,088	1%	8,272	0%	23,111	0%	36,522	1%	8,816	0%	(13,411)	0%
Profit (loss)	161,767	10%	46,433	3%	338,160	7%	93,651	2%	115,334	7%	244,509	5%
Diluted earnings (loss) per share	1.50		0.40		3.26		0.59					

Source: Consolidated condensed financial report reviewed by public accountants

3. 2022 Q3 Consolidated Condensed Balance Sheets (YOY)-1

Accounting Title	111. 09. 30	%	110. 12. 31	%	110. 09. 30	%	Compared with the end of the last yea(%)		YOY(%)	
Assets										
Current assets										
Cash and cash equivalents	605,437	18%	692,998	20%	501,242	17%	(87,561)	-13%	104,195	21%
Current financial assets at fair value through profit or loss	122,336	4%	64,204	2%	67,072	2%	58,132	91%	55,264	82%
Notes and Accounts receivable	600,101	17%	645,541	19%	541,398	18%	(45,440)	-7%	58,703	11%
Accounts receivable due from related parties	763,520	22%	736,800	22%	774,476	26%	26,720	4%	(10,956)	-1%
Current inventories	606,805	18%	512,277	15%	451,365	15%	94,528	18%	155,440	34%
Prepayments	252,638	7%	209,603	6%	105,580	4%	43,035	21%	147,058	139%
Other current assets	37,775	1%	40,704	1%	50,498	2%	(2,929)	-7%	(12,723)	-25%
Total current assets	2,988,612	87%	2,902,127	85%	2,491,631	84%	86,485	3%	496,981	20%
Non-current assets										
Non-current financial assets at fair value through other comprehensive income	137,198	4%	200,485	6%	173,645	6%	(63,287)	-32%	(36,447)	-21%
Investments accounted for using equity method	-	-	-	-	11,497	0%	-	-	(11,497)	-100%
Property, plant and equipment	22,348	1%	23,158	1%	17,319	1%	(810)	-3%	5,029	29%
Right-of-use assets	45,345	1%	37,312	1%	39,568	1%	8,033	22%	5,777	15%
Intangible assets	174,164	5%	168,525	5%	168,385	6%	5,639	3%	5,779	3%
Deferred tax assets	29,829	1%	20,773	1%	19,147	1%	9,056	44%	10,682	56%
Other non-current assets	49,866	1%	48,960	1%	49,441	2%	906	2%	425	1%
Total non-current assets	458,750	13%	499,213	15%	479,002	16%	(40,463)	-8%	(20,252)	-4%
Total assets	3, 447, 362	100%	3, 401, 340	100%	2, 970, 633	100%	46, 022	1%	476, 729	16%

Source: Consolidated condensed financial report reviewed by public accountants

3. 2022 Q3 Consolidated Condensed Balance Sheets (YOY)-2

CHAINTECH

Unit: KNTD

Accounting Title	111. 09. 30	%	110. 12. 31	%	110. 09. 30	%	Compared with the end of the last year(%)		YOY(%)	
Liabilities										
Current liabilities										
Current borrowings	133,490	4%	226,840	7%	352,089	12%	(93,350)	-41%	(218,599)	-62%
Current contract liabilities	112,214	3%	111,677	3%	52,089	2%	537	0%	60,125	115%
Notes and accounts payable	673,139	20%	773,498	23%	444,453	15%	(100,359)	-13%	228,686	51%
Other payables	107,565	3%	119,526	4%	66,032	2%	(11,961)	-10%	41,533	63%
Current tax liabilities	67,246	2%	54,318	2%	38,159	1%	12,928	24%	29,087	76%
Current lease liabilities	46,238	1%	37,885	1%	39,995	1%	8,353	22%	6,243	16%
Other current liabilities	211	0%	15,457	0%	6,907	0%	(15,246)	-99%	(6,696)	-97%
Non-current liabilities	8,780	0%	5,078	0%	16,900	1%	3,702	73%	(8,120)	-48%
Total liabilities	1,148,883	33%	1,344,279	40%	1,016,624	34%	(195,396)	-15%	132,259	13%
Equity		0%								
Total share capital	1,014,988	29%	1,014,988	30%	1,014,988	34%	-	-	-	-
Total capital surplus	100	0%	100	0%	100	0%	-	-	-	-
Legal reserve	159,534	5%	147,312	4%	147,312	5%	12,222	8%	12,222	8%
Special reserve	29,249	1%	39,701	1%	39,701	1%	(10,452)	-26%	(10,452)	-26%
undistributed earnings	727,969	21%	665,414	20%	665,415	22%	62,555	9%	62,554	9%
Current profit and loss	315,049	9%	122,224	4%	57,129	2%	192,825	158%	257,920	451%
Total other equity interest	(75,701)	-2%	(29,249)	-1%	(61,045)	-2%	(46,452)	159%	(14,656)	24%
Treasury shares	(151,746)	-4%	(151,746)	-4%	(151,746)	-5%	-	-	-	-
Total equity attributable to owners of parent	2,019,442	59%	1,808,744	53%	1,711,854	58%	210,698	12%	307,588	18%
Non-controlling interests	279,037	8%	248,317	7%	242,155	8%	30,720	12%	36,882	15%
Total equity	2,298,479	67%	2,057,061	60%	1,954,009	66%	241,418	12%	344,470	18%
Total liabilities and equity	3,447,362	100%	3,401,340	100%	2,970,633	100%	46,022	-30%	476,729	-314%

Source: Consolidated condensed financial report reviewed by public accountants

4. 2022 Q3 Financial Ratio

	2022 Q1-Q3	2021
Debt ratio	33.33%	39.52%
Current ratio	267.96%	220.57%
Quick ratio	164.00%	165.71%
AR turnover	4.84	4.76
Days sales in AR	75.39 days	76.68 days
Inventory turnover	9.87	14.58
Average days in sales	36.98 days	25.03 days

5. 2022 Q3 Consolidated Condensed Statements of Cash Flows



Unit: KNTD

Accounting Title	2022 Q1-Q3	2021 Q1-Q3
Cash flows from operating activities	83,123	295,035
Cash flows from investing activities	(16,825)	11,865
Cash flows from financing activities	(166,323)	(100,884)
Effect of exchange rate changes on cash and cash equivalents	12,464	(34,861)
Net increase (decrease) in cash and cash equivalents	(87,561)	171,155
Cash and cash equivalents at beginning of period	692,998	330,087
Cash and cash equivalents at end of period	605,437	501,242

Source: Consolidated condensed financial report reviewed by public accountants

6. Prospect for 2023

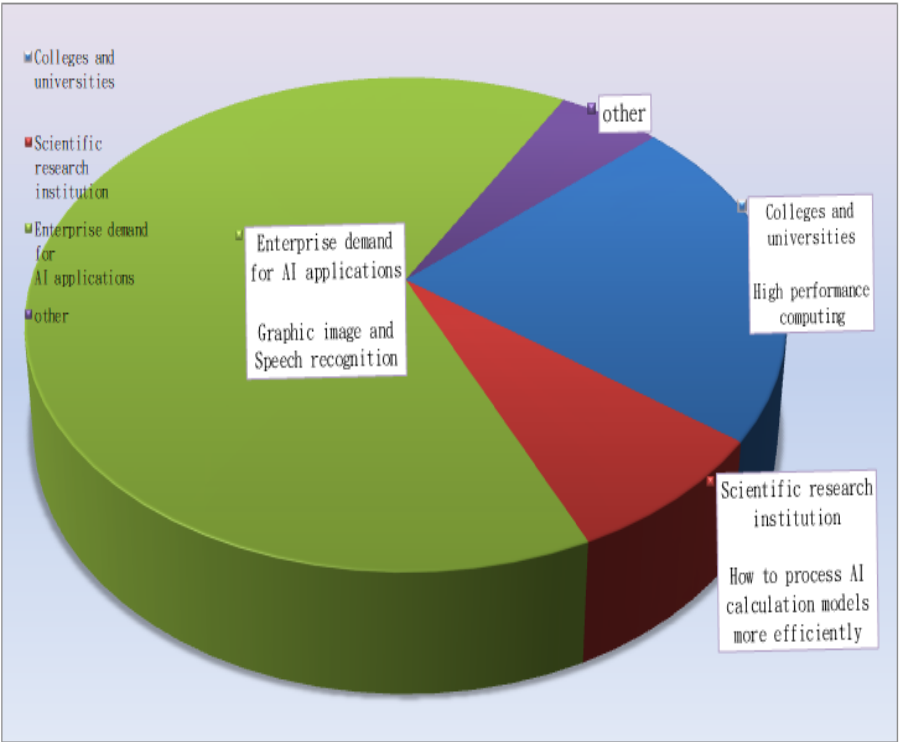
- Graphics cards will accelerate destocking in the first half of 2023, but Chaintech's inventory is still within reasonable scope for its stable orders.
- AI-Server market will grow continuously.
 - Supported by national policies, the demand for universities and scientific research institutions has steadily increased.
 - The ban on NV AI GPU sales in China has not yet had a major impact, and we will pay attention to follow-up policies.
- R & D center was established, focusing on the research and development of high-end motherboards.

Focusing on the demand for AI-Server SI & Application

Revenue Proportion of Sitonholy (Tianjin) by industry in 2022 VS 2021

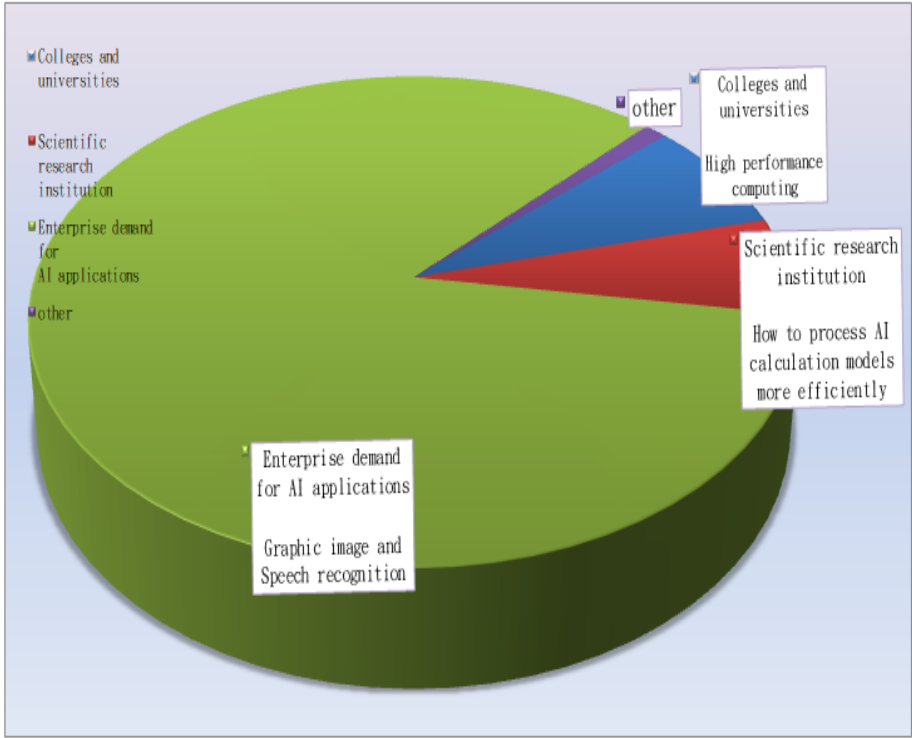


2022 Q1-Q3



Colleges and universities	Scientific research institution	Enterprise demand for AI applications	other	TOTAL
22.00%	8.00%	64.80%	5.20%	100.00%

2021



Colleges and universities	Scientific research institution	Enterprise demand for AI applications	other	TOTAL
7.59%	6.54%	84.76%	1.11%	100.00%

2022 Enterprise Client Case 1

Edge Server Application

CHAINTECH



2022 Enterprise Client Case 2

AI-Server for FPS

CHAINTECH

Founded in 2017 August



Core Technology of IR&D
Reinforcement Learning
Deep Learning
Cloud Computing

AI Virtual Player
Master all playing methods
One Month Training Period

2022 Colleges and Universities Case 1

Construction of AI Lab of Xidian University

CHAINTECH



The new artificial intelligence laboratory requires server clusters, integration of related chassis, power supplies, processors, modules, data storage, and collaborative management etc. Fully open from top to bottom, the laboratory creates an intelligent educational platform integrating learning and training for teachers and students of the whole school.

Solution

- 6-node NVIDIA DGX-1 supercomputer
- 1-node management server
- 2-node distributed storage (double copy)
- Computing network: 100G 1B networking
- Cloud platform software: SCM AI cloud platform
- 48 terminal devices

Client Benefits

Through the cluster built by the SCM cloud platform software, the teaching and scientific research tasks related to AI deep learning can be realized. Through the AI framework and software environment integrated on the platform, users can access the code through a simple command line or a scripting language interface such as Python; many powerful DNNs can be trained and deployed with these frameworks without writing any GPU or complex compilation code, while still benefiting from the increased training speed brought by GPU acceleration.

2022 Colleges and Universities Case 2

Construction of the Computing Platform of the School of Information Science and Engineering, Shandong University

CHAINTECH



Shandong University puts forward a large number of computing resource requirements in deep learning, and strict requirements for the overall parallel computing resources and data transmission volume. A large amount of data interaction also has high requirements for storage. The school team will carry out radio wave transmission data, wireless channel data, and Haier intelligent manufacturing data analysis and research work, the existing computing platform cannot satisfy the increasingly heavy analysis tasks, and is far from meeting the needs of big data intelligent analysis.

Solution

- 3-node NVIDIA DGX-1 supercomputer
- 1-node management server
- 1-node 24 hard disk bit storage server
- Computing network: 100G 1B networking
- Cloud platform software: SCM AI cloud platform

Client Benefits

With the construction of SCM AI cloud platform, the virtualization of local hardware resources is realized. When performing daily teaching and scientific research tasks, resources can be directly scheduled and used from the resource pool. It perfectly solved the problems encountered by the sub-team of Shandong University in the analysis and research of radio wave propagation data, wireless channel data and Haier intelligent manufacturing data.

Product Information

GeForce RTX 4090 Vulcan OC



Chipset	GPU	GeForce® RTX 4090
	Graphics chip	AD102
	Manufacturing Process	4nm
	CUDA cores	16384
Core Clocks	Base/Boost Clock	Base : 2235Mhz ; Boost:2520Mhz
	One-key OC	Base : 2235Mhz ; Boost:2625Mhz
	Buswidth	384bit
Memory Specs	Memory Clock/Config	21Gbps
	Memory Interface/Memory Bandwidth	24GB
Display and Connectors	Power PhasePower Connector	16pin
	TDP Power	550W
	Video Output	3*DP+HDMI
Cooling	Type	3* Fan
	Heatpipe size & Q'ty	9-φ8
	Intelligent Start-Stop Fans	Y
	Graphics Card Power	1000W
3D API	DirectX	DirectX 12 Ultimate/OpenGL 4.6
Appearance	Product Type	Three Slot
	Dimensions	348.5*159.5*70.4mm
	Weight	2.5KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 3rd Gen Ray Tracing Cores

GeForce RTX 3090 Advanced OC



Chipset	GPU	GeForce® RTX 3090
	Graphics chip	GA102
	Manufacturing Process	8nm
	CUDA cores	10496
Core Clocks	Base/Boost Clock	Base:1395Mhz; Boost:1695Mhz
	One-key OC	Base:1395Mhz; Boost:1755Mhz
	Buswidth	384bit
Memory Specs	Memory Clock/ Config	19.5Gbps/24GB
	Memory Interface /Memory Bandwidth	GDDR6X/936GB/s
Display and Connectors	Power PhasePower connector	3*8Pin/10+6+4
	TDP Power	370W
	Video Output	3*DP+HDMI
Cooling	TYPE	3 * Fan
	Heatpipe size & Q'ty	5-φ8
	Intelligent star-stop fans	Y
	Graphics Card Power	750W
3D API	DirectX	DirectX 12 Ultimate/OpenGL4.6
Appearance	Product type	Three slot
	Dimensions	315.5*131*60mm
	Weight	1.66KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 2nd Gen Ray Tracing Cores

GeForce RTX 3080 Advanced OC 10G



Chipset	GPU	GeForce® RTX 3080
	Graphics chip	GA102
	Manufacturing Process	8nm
	CUDA cores	8704
Core Clocks	Base/Boost Clock	Base:1440Mhz; Boost:1710Mhz
	One-key OC	Base:1440Mhz; Boost:1785Mhz
	Buswidth	320bit
Memory Specs	Memory Clock/ Config	19Gbps/10GB
	Memory Interface /Memory Bandwidth	GDDR6X/760GB/s
Display and Connectors	Power PhasePower connector	3*8Pin/10+6+4
	TDP Power	370W
	Video Output	3*DP+HDMI
Cooling	TYPE	3 * Fan
	Heatpipe size & Q'ty	5-φ8
	Intelligent star-stop fans	Y
	Graphics Card Power	750W
3D API	DirectX	DirectX 12 Ultimate/OpenGL4.6
Appearance	Product type	Three slot
	Dimensions	315.5*131*60mm
	Weight	1.6KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 2nd Gen Ray Tracing Cores

GeForce RTX 3070



Chipset	GPU	GeForce® RTX 3070
	Graphics chip	GA104
	Manufacturing Process	8nm
	CUDA cores	5888
Core Clocks	Base/Boost Clock	Base:1500Mhz; Boost:1725Mhz
	Buswidth	256bit
Memory Specs	Memory Clock/ Config	14Gbps/8GB
	Memory Interface /Memory Bandwidth	GDDR6/448GB/s
Display and Connectors	Power PhasePower connector	2*8Pin/9+2
	TDP Power	220W
	Video Output	3*DP+HDMI
Cooling	TYPE	3 * Fan
	Heatpipe size & Q'ty	3-φ8+2-φ6
	Intelligent star-stop fans	Y
	Graphics Card Power	650W
3D API	DirectX	DirectX 12 Ultimate/OpenGL4.6
Appearance	Form Factor	Dual Slot
	Dimensions	310*131*57mm
	Weight	1.1KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 2nd Gen Ray Tracing Cores

GeForce RTX 3060 Ti Ultra W LHR



Chipset	GPU	GeForce® RTX 3060 Ti
	Graphics chip	GA104
	Manufacturing Process	8nm
	CUDA cores	4864
Core Clocks	Base/Boost Clock	Base:1410Mhz;Boost:1665Mhz
	One-key OC	Base:1410Mhz;Boost:1770Mhz
	Buswidth	256bit
Memory Specs	Memory Clock/Config	14Gbps/8GB
	Memory Interface /Memory Bandwidth	GDDR6/448GB/s
Display and Connectors	Power PhasePower connector	2*8Pin/8+2
	TDP Power	200W
	Video Output	3*DP+HDMI
Cooling	TYPE	3 * Fan
	Heatpipe size & Q'ty	2*Φ6+2*Φ8
	Intelligent star-stop fans	Y
	Graphics Card Power	600W
3D API	DirectX	DirectX 12 Ultimate/OpenGL4.6
Appearance	Form Factor	Over Dual Slot
	Dimensions	310*131.5*56mm
	Weight	1.1KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 2nd Gen Ray Tracing Cores

GeForce RTX 3060 Advanced OC 12G L



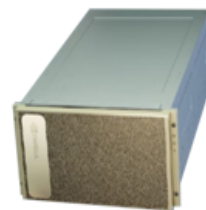
Chipset	GPU	GeForce® RTX 3060
	Graphics chip	GA106
	Manufacturing Process	8nm
	CUDA cores	4864
Core Clocks	Base/Boost Clock	Base:1320Mhz; Boost:1777Mhz
	One-key OC	Base:1320Mhz; Boost:1867Mhz
	Buswidth	192bit
Memory Specs	Memory Clock/ Config	15Gbps/12GB
	Memory Interface /Memory Bandwidth	GDDR6/360GB/s
Display and Connectors	Power PhasePower connector	2*8Pin/7+2
	TDP Power	220W
	Video Output	3*DP+HDMI
Cooling	TYPE	3 * Fan
	Heatpipe size & Q'ty	4*Φ8
	Intelligent star-stop fans	Y
	Graphics Card Power	550W
3D API	DirectX	DirectX 12 Ultimate/OpenGL4.6
Appearance	Product type	Super double slot
	Dimensions	315.5*131*53mm
	weight	1.8KG(N.W)
Others	Supported NV Technologies	NVIDIA DLSS, NVIDIA G-SYNC, 2nd Gen Ray Tracing Cores

SITONHOLY Hardware products

CHAINTECH

DGX

NVIDIA DGX: NVIDIA original product, 4GPU water-cooled workstation and AI server, high-end preferred



Data Center

Server: 1u-4u, 1GPU to 10GPU, the best choice for data center



IW1200-2G/
IW1210-2G
1U2GPU



IW2201-2G/
IW2211-2G
2U2GPU



IW4203-4G/
IW4213-4G
4U4GPU

Large scale
parallel
training



IW4200-8G/ IW4210-8G
IW4200-10G/ IW4210-10G
4U8/10GPU

Cloud
Inference



IW4210-20G
4U20GPU

Workstation

Workstation: 1 card - 4 card;
air cooling or water cooling,
only for quieter



PC Customizable



IWT210-4Gi(water-cooled) /IWT210-4G

Edge computing

Single or multiple GPU cards,
edge reasoning, video
processing, edge AI full coverage



IEB100-1G



IE2210-2G



IE2300-3G



IE2600-6G

Storage server

Entry level storage, high
performance storage,
distributed storage



2U12hard disk bit



4U24/36hard disk bit



6U48hard disk bit



6U60hard disk bit



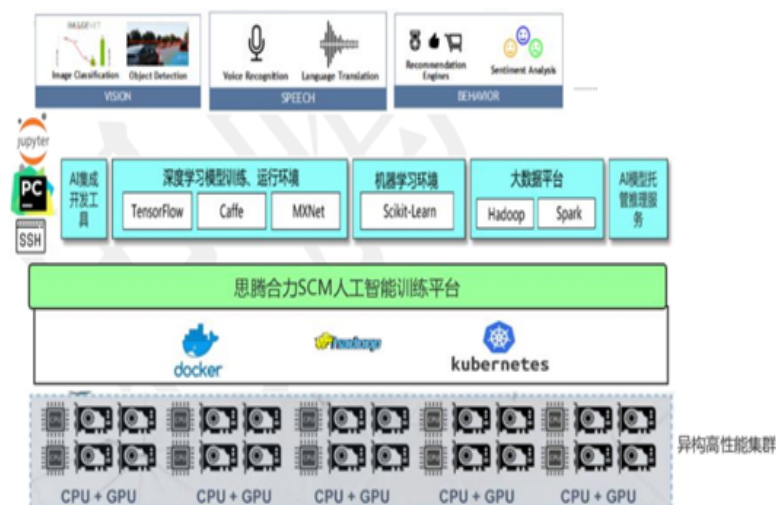
8U72hard disk bit

SITONHOLY Software product

1、SITONHOLY SCM artificial intelligence training platform v2.0

- Unified management of GPU resources to improve the utilization rate of GPU resources
- Data parallel training with multiple GPUs
- Based on tensorflow, mxnet, Python and other mainstream deep learning frameworks, through the combination of self-study services and docker container technology, it helps users to host deep learning training jobs and cluster management

SCM for large-scale heterogeneous computing infrastructure management, can realize the automation of deep learning computing resource management, scheduling and application, can be widely used in education, scientific research, remote sensing, medical, energy, government and other industries, can greatly improve the efficiency of computing infrastructure resource utilization, reduce the total cost of ownership of the data center, and improve the efficiency of artificial intelligence R & D innovation.



2、SITONHOLY SMP heterogeneous resource monitoring platform v2.0

Monitoring introduction:

- 1、CPU consumption (including proportion)
- 2、System memory consumption (including proportion), surplus
- 3、System hard disk consumption (including proportion), surplus
- 4、System network card status, such as instant upload / download speed
- 5、The system GPU usage and remaining quantity
- 6、Status of each GPU of the system



3、SITONHOLY Storage management software

Distributed cluster storage management software, high-performance storage management software, general storage management software

Software Product—SitonHoly SCM

SitonHoly Cluster Management Platform (SCM) is a cluster management cloud platform that supports machine learning, deep learning and high-performance computing.

Provide complete in-depth learning business process, easy to use

Rapid deployment of deep learning environment;
Make an appointment to automatically start training tasks

Training task visualization ; Master the training progress and quality at any time

Allocate computing resources on demand and recycle automatically to reduce resource waste

Multi level user management; Precise control of user permissions

Multi angle cluster monitoring management and resource statistics report



加 速 AI 梦 想

THANK YOU