

ARAVision

Cheetah Chaser TE 1U CPU Overclocked HFT Server *Can effectively improve your order & market making & cancel order speed*

Key Features

- * Can effectively improve order & market making & cancel order speed*
- * Suggest 8/10/20 CPU cores (8 P-cores & 0/2/12 E-cores), all P-cores frequency are optimized for 5.7GHz, for major applications. 2/12 E-cores for other applications or OS & back-ground processes. Also provide for special purpose demands (like 18/24 cores opened, etc.)*
- * Excellent liquid-cooled and thermal flow only in 1U form*
- * Most 4 x high-speed I/O slots for different AP designed architectures*
- * Up to 75%~95% performance than traditional general purposed server*
- * Considerations for global environmental protection & sustainable use*
- * Liquid-cooled model downgrade to air-flow cooling model for IT using (We can provide downgrade suites, can help you to do that for free)*

Cheetah Chaser TE-14K900 Series

Provide liquid-cooled 1U architecture

3 Models : Chaser TE-14K908 / 14K910 / 14K920

All with 8/10/20 physical cores, provide liquid-cooled 1U architecture
All P-cores can be running at 5.7GHz cpu frequency,
2/12 E-cores can be running at 4.4GHz cpu frequency

1 Model : Chaser TE-14K924

All with 24 physical cores, provide liquid-cooled 1U architecture
All P-cores can be running at 5.4+GHz cpu frequency,
16 E-cores can be running at 4.4GHz cpu frequency

** Memory frequency at least 5600MHz via DDR5 type*



We give you best 風水



Cheetah Chaser TE

Form Factor	1U chassis with rail kit
Processor	Cheetah Chaser TE Intel Core i9-14900K (Raptor Lake Refresh) 8P+16E cores 36MB cache base 3.2GHz CPU freq. x1 (All P-cores are 5.7GHz CPU frequency on liquid-cooled operation) Provide 4 models for different purpose choice : (1) Chaser TE-14K908 : Pure 8P cores, total 8 cores (2) Chaser TE-14K910 : 8P+2E cores, total 10 cores (3) Chaser TE-14K920 : 8P+12E cores, total 20 cores (4) Chaser TE-14K924 : 8P+16E cores, total 24 cores
Chipset	Intel W680
Memory	64GB (32GBx2) DDR5-5600 LP DIMM (Max. 192GB)
Expansion Slots	PCI-E 3.0 x16 slots x2 (speed for x8/x8), can option to PCI-E 3.0 x16 slots x4 (speed for x8/x8/x4/x4) * Can option the upgrade suits to PCI-E 4.0 x16 slot x4 (speed for x8/x8/x4/x4) for special need, like X3522
SSD	500GB/1TB NVMeM.2 PCI-E SSD x1 (Max.3) * Option : M.2 SATA SSD board Kits (Max.2)
HFT I/O Card	SolarflareX3522, X2522-25G-Plus or X2522-10G-Plus ultra low latency NIC x1 (option for more) The other option : Exablaze ExaNIC X25 / ExaNIC X10
Input / Output	ASPEED AST2600 Dedicated IPMI RJ45 LAN port x1 On-board with 1Gbps RJ45 LAN port x2 USB 3.0 port x1 (Rear), USB 2.0 port x2 (Front) VGA port x1 * Option : COM port x1
Power Supply	750W high efficiency redundant PSU platinum level
OS	Preinstall optimized HFT OS * Option : Red Hat Enterprise Linux 8.x, Ubuntu 22.04 LTS, Windows Server 2019/2022
Warranty	2 years hardware warranty (liquid-cooled edition) 1 year on-side service. (limited in Taiwan)

已取得多國專利

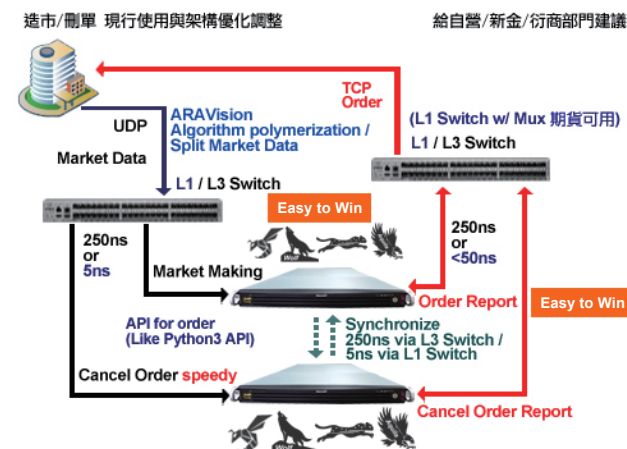
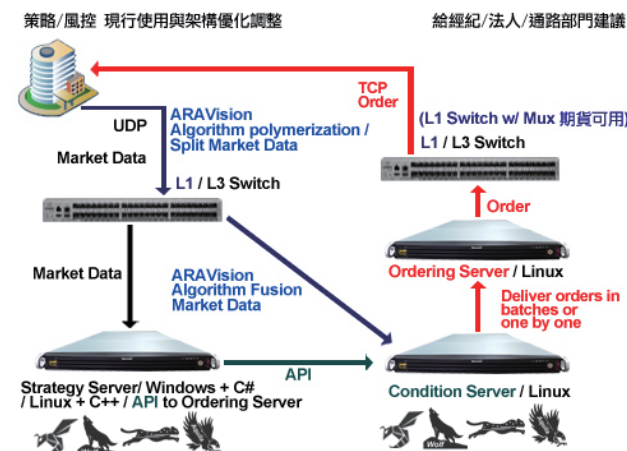
中華民國(臺灣)專利 Patents of Republic of China (Taiwan)
專利號碼 (Patent No.): 發明第 **1777641** 號、新穎第 **M618657** 號、新穎第 **M620968** 號

中華人民共和國新穎專利 Patents of P.R.O.C (China)
專利號碼 (Patent No.): **ZL 2022 2 0562480.0**、**ZL 2022 2 0538828.2**

德國新穎專利 Patents of Germany
專利號碼 (Patent No.): **20 2022 103 531**

日本新穎專利 Patents of Japan
專利號碼 (Patent No.): **3242001**、**3242002**

New Generation



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