



1H, 2024 Investor Conference

尼得科超眾科技股份有限公司
Nidec Chaun-Choung Technology Corp.

Date: Aug. 27, 2024

Nidec Chaun-Choung Technology Corporation

Disclaimer

This presentation of NCCI contains forward-looking statements subject to risks and uncertainties. Actual results may differ materially from the contained in the forward-looking statements.

The forward-looking statements in this presentation are the current belief of NCCI as of the date for this release, and NCCI has no obligation to update the forward-looking statements for new information, future events, or otherwise.

- **Company Profile**
- **1H, 2024 Financial Results**
- **Focus: Market, Products & Technologies**
- **Q & A**

Company Profile

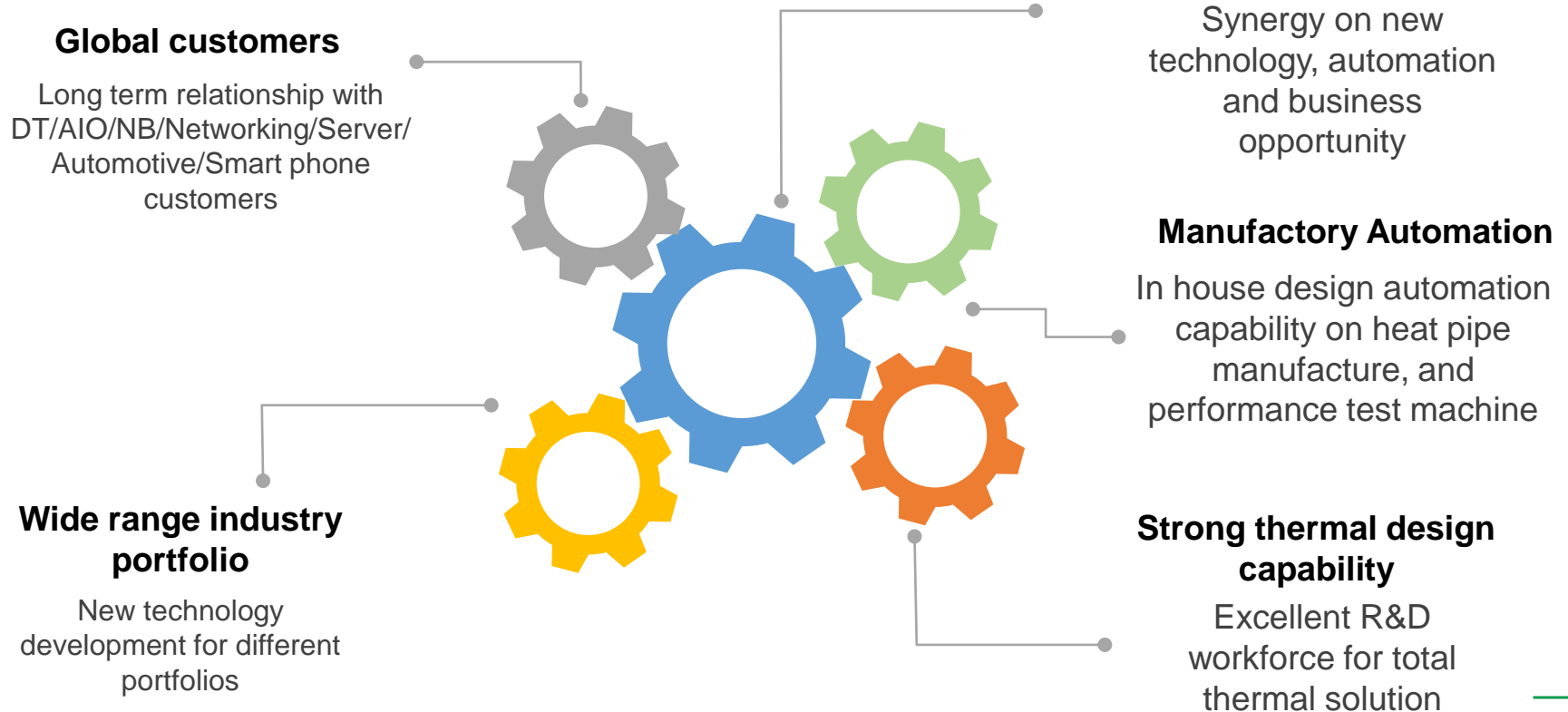
- **Chairman and CEO** : Nagai Junichi
- **Founded** : Dec.14. 1973
- **Stock Listing** : TWSE (ticker: 6230)
- **Nidec Corporation:**
Hold 86.3% shares, as a major shareholder (Jul. 2023).
- **Capital** : NT\$ 863,434 (K)
- **HQ Address** : No. 184-3, Zhongxing N. St., Sanchong Dist.,
New Taipei City 241, Taiwan
- **Main Business** : Heat Sink & Thermal Solutions
- **WW Factories & Offices**



Worldwide Factories & Offices



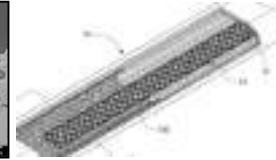
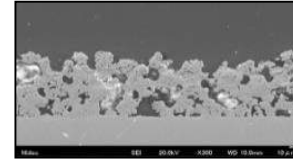
NCCI Core Competence



Synergy Advantages

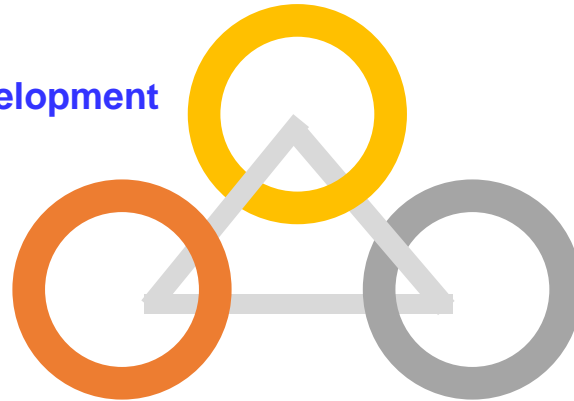
Metallurgy & Wick Technology

Nidec & NCCI with strong basic research
Proprietary multi-wick design to support Ultra-thin /
Hi-power Thermal Solutions.



In house Automation Equipment development

Nidec & NCCI collaborate to develop
manufacturing automation machine from
sample stage to MP stage.

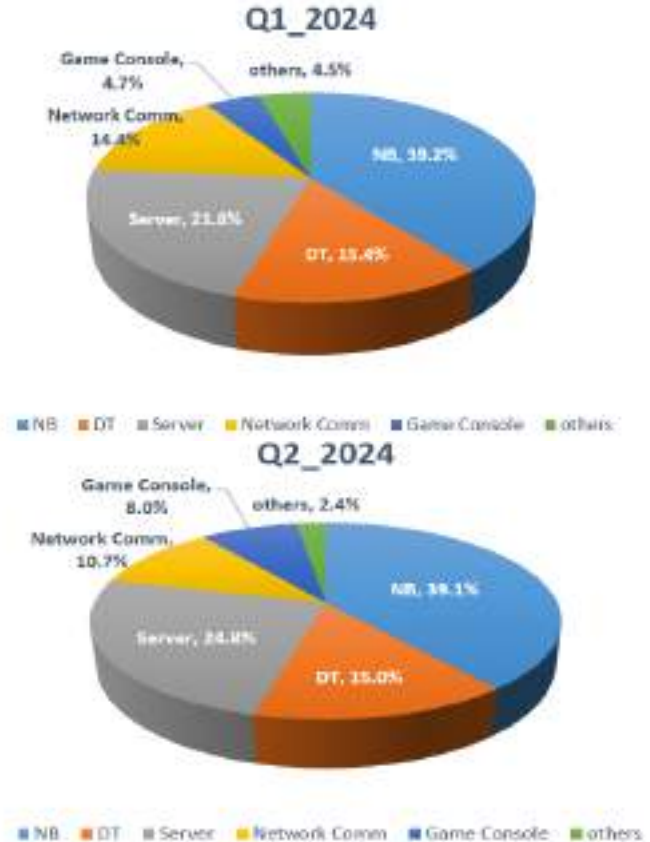
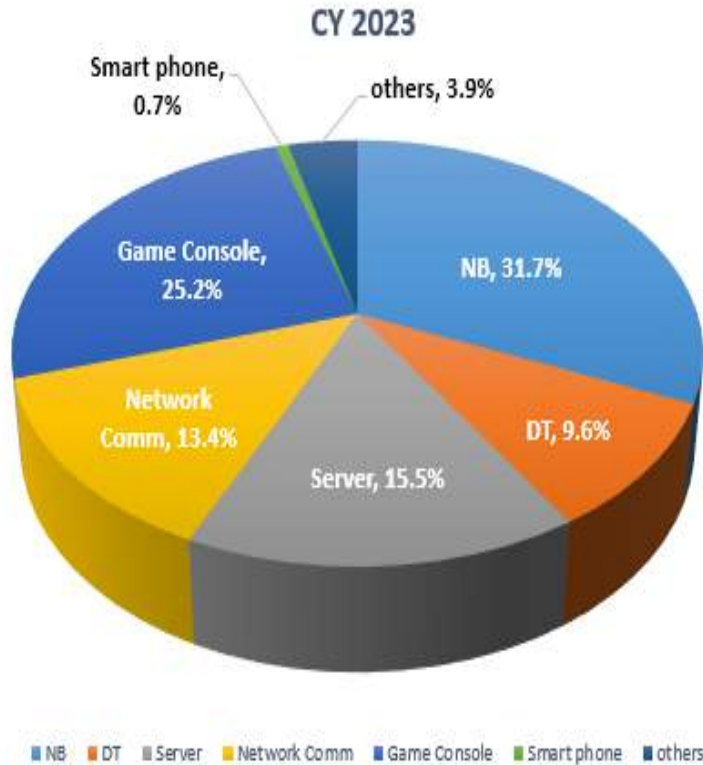


Thermal total solution provider

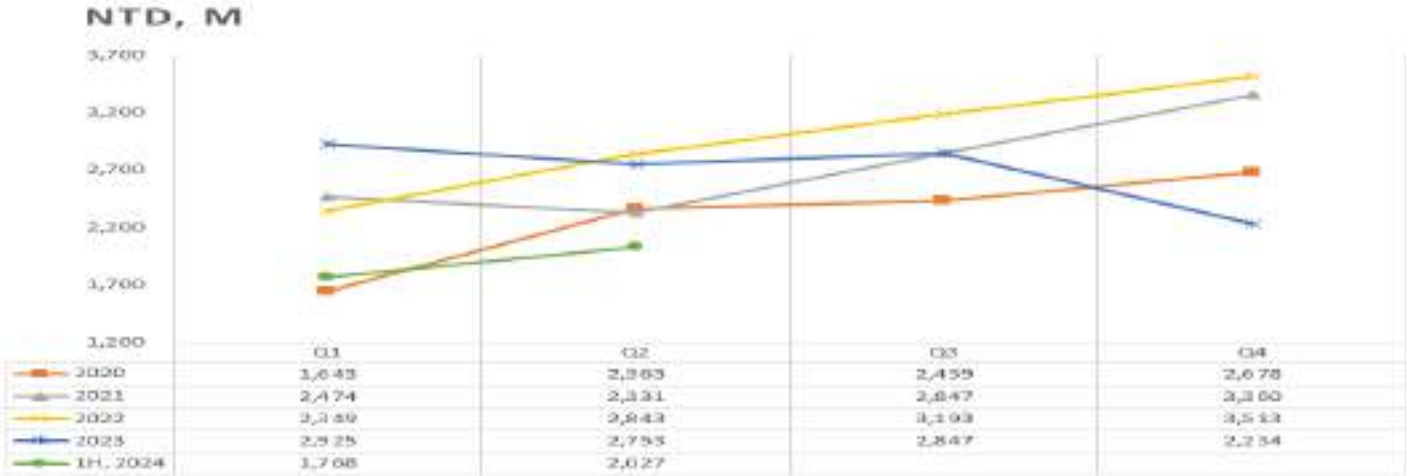
Nidec is good at Fan/Pump active solution
and NCCI is good at HP/VC passive
solution, collaboration to provide
customer total solution with best options.



Product share of revenue

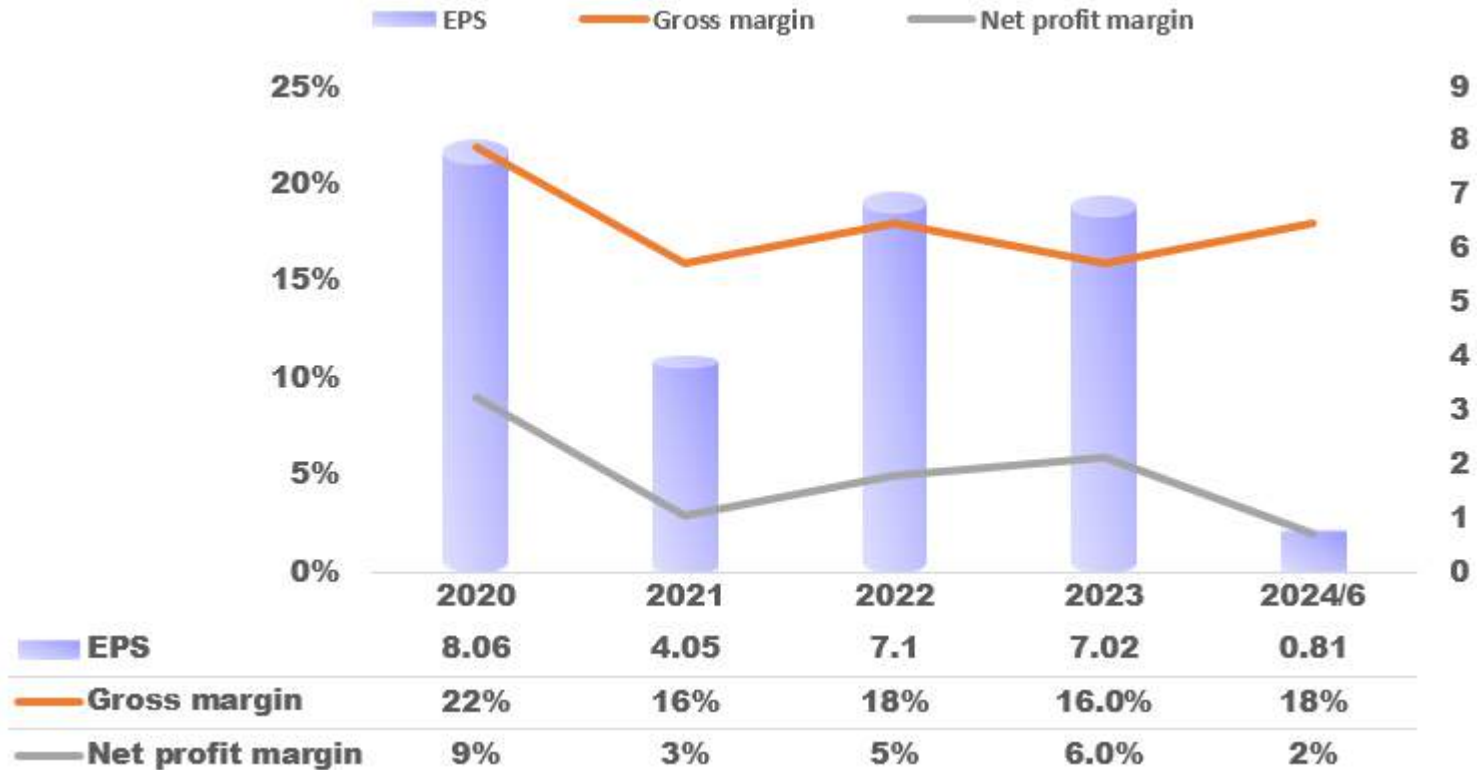


Financial Result-Revenue

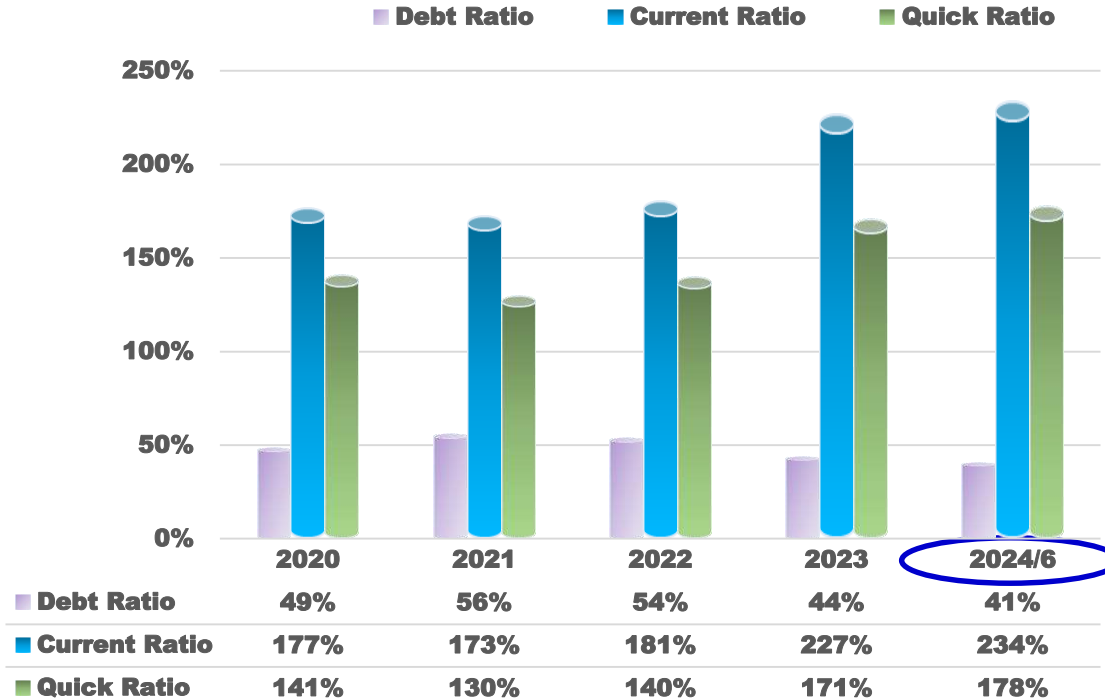


NTD\$: Million

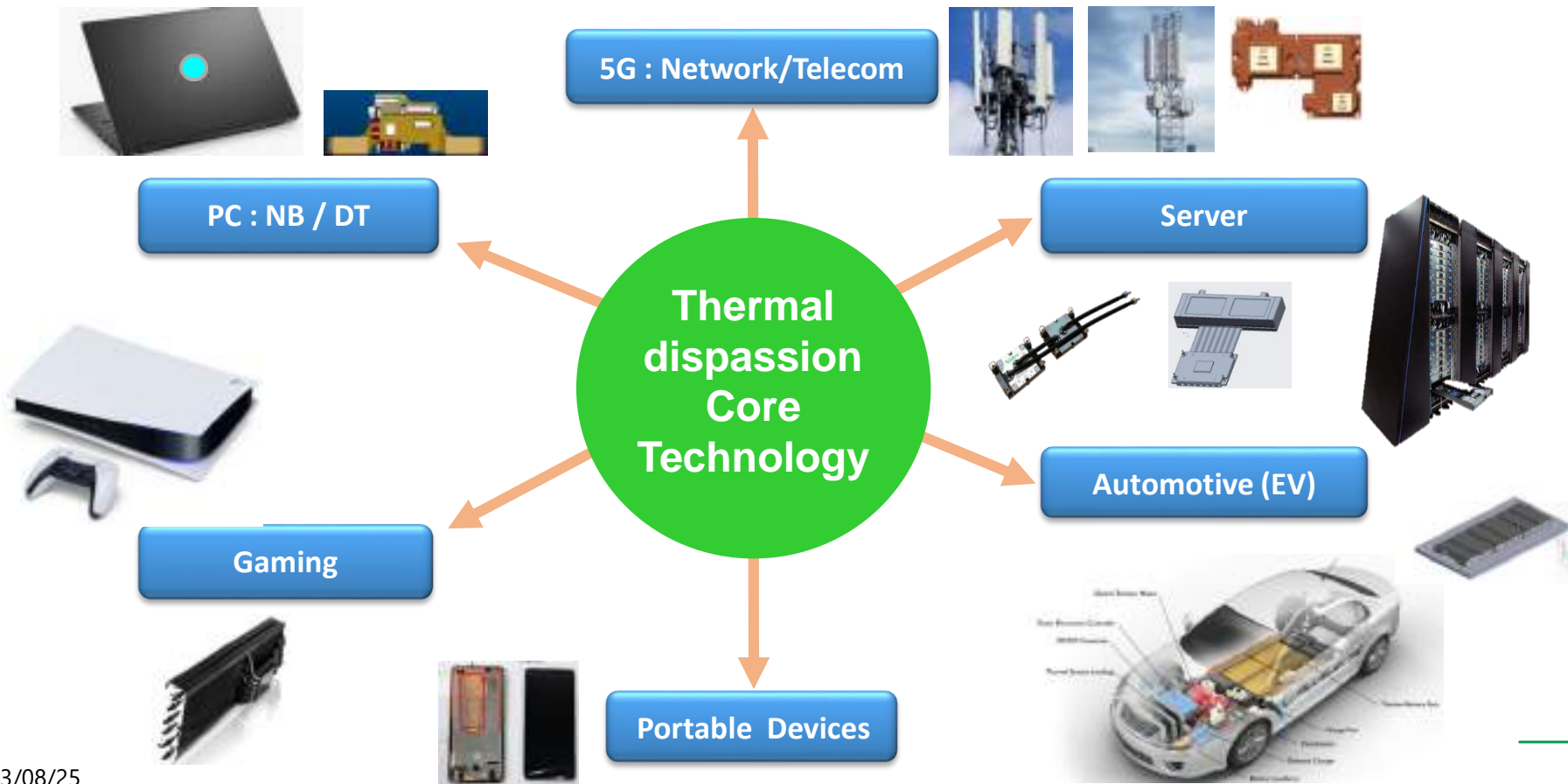
Financial Result-Financial Index I



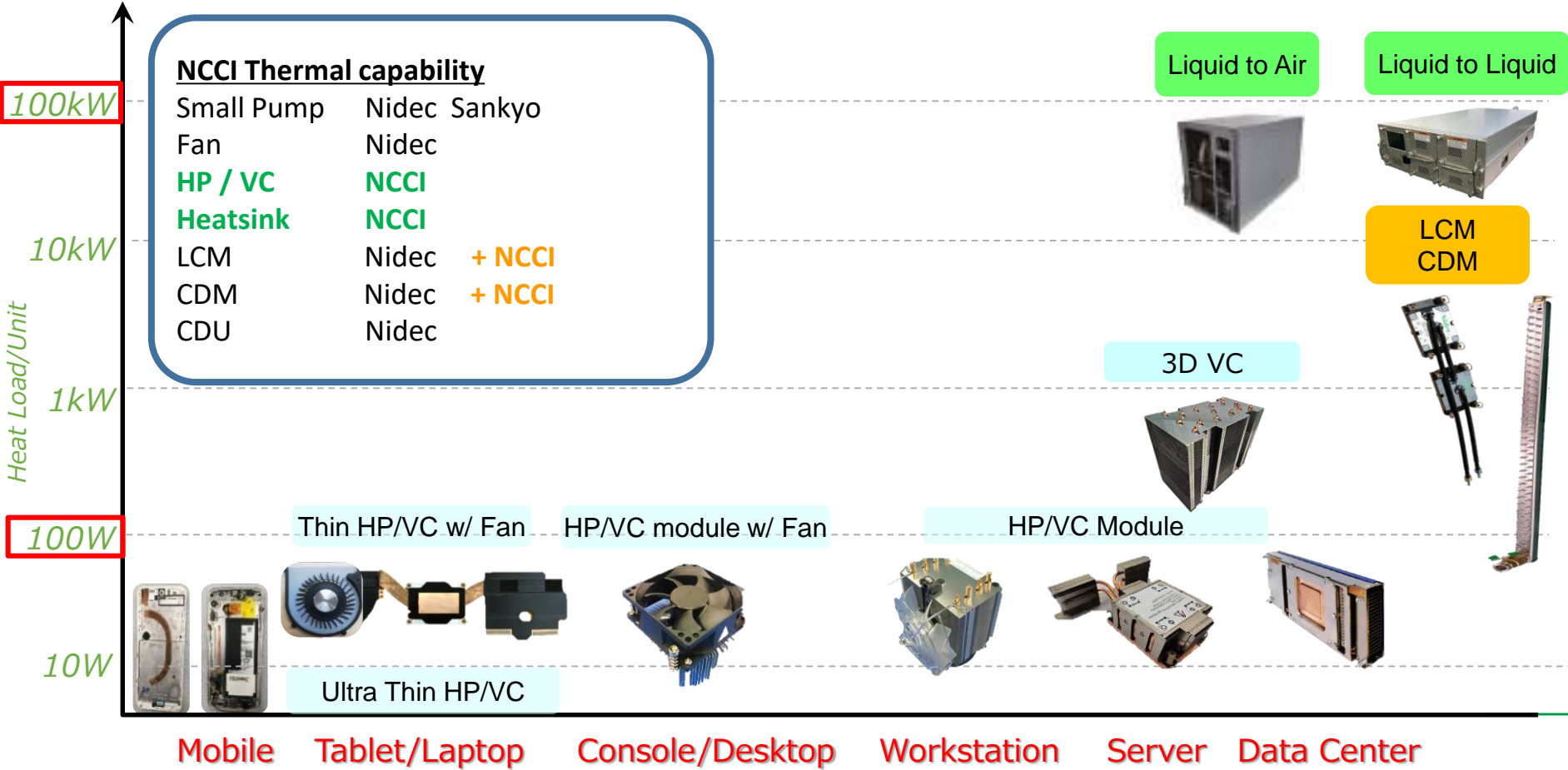
Financial Result-Financial Index II



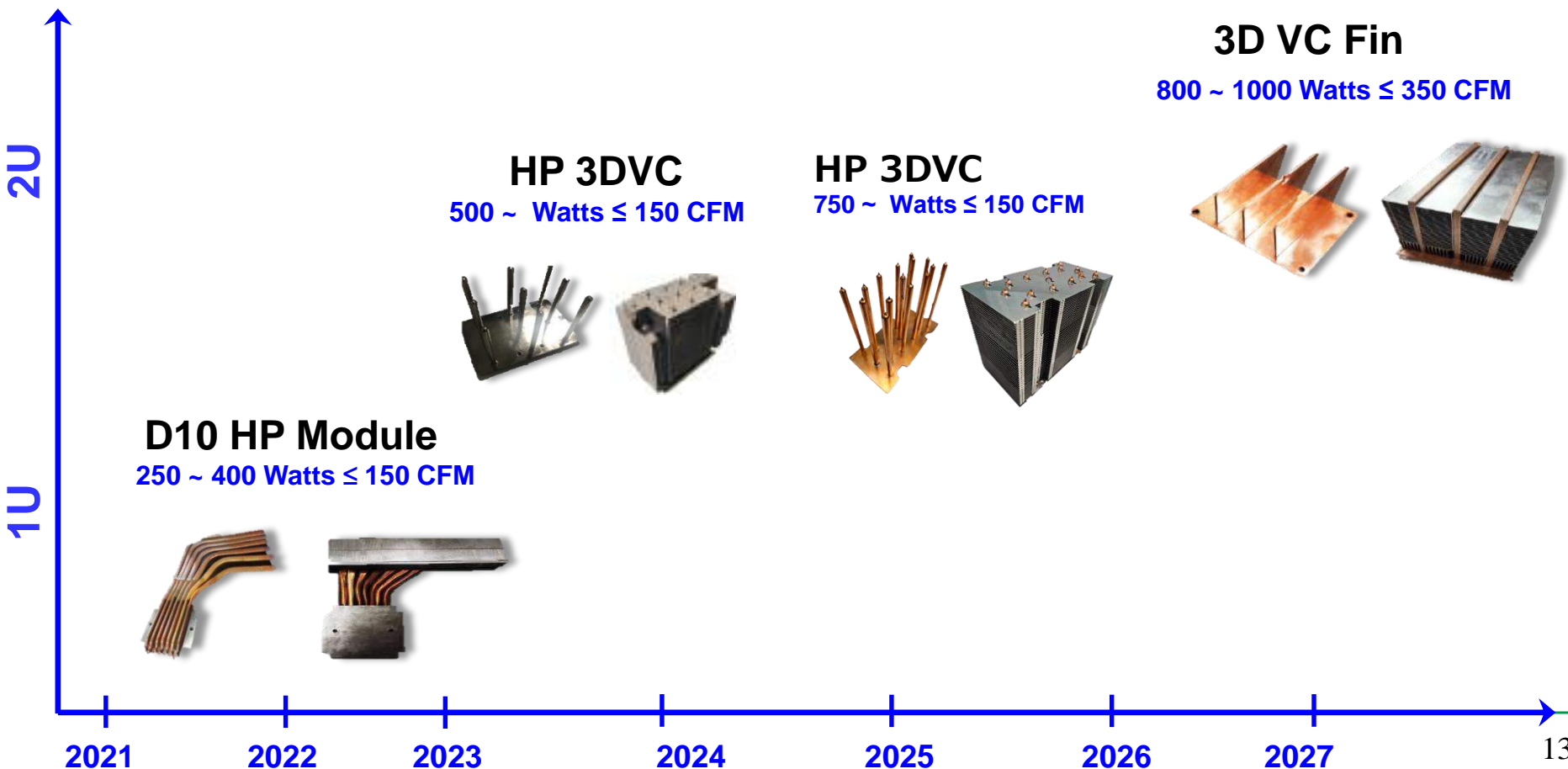
Focus Market



NCCI Product Line-up for Thermal Solutions



NCCI High Power Thermal Solution Roadmap(A/C)

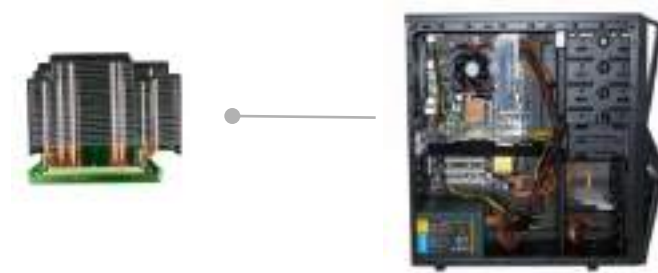


Application : Notebook/Desktop/AIO/IPC

Air Cooling: Passive / Active



Slim Thermal Solution for Gaming NB
Slim VC ($1.3\text{mm} \leq t \leq 2.2\text{mm}$) for CPU+GPU 170~240 Watts

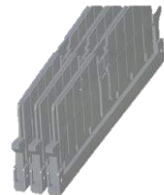


Application : 5G/6G/HPC

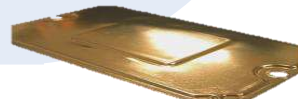
Ultra-thin Thermal Solution for 5G Smart Phone
VC Thickness 0.25mm – 0.35mm



Slim Thermal Solution for DRAM
Ultra Thin VC (t < 0.8mm) for 6 Watts



Hi-Power VC Thermal Solution for HPC Server
High Heat Flux Vapor Chamber > 80 W/cm²



Application : 5G/6G/HPC

Hi-Power Air Cooling Solution for HPC, Networking

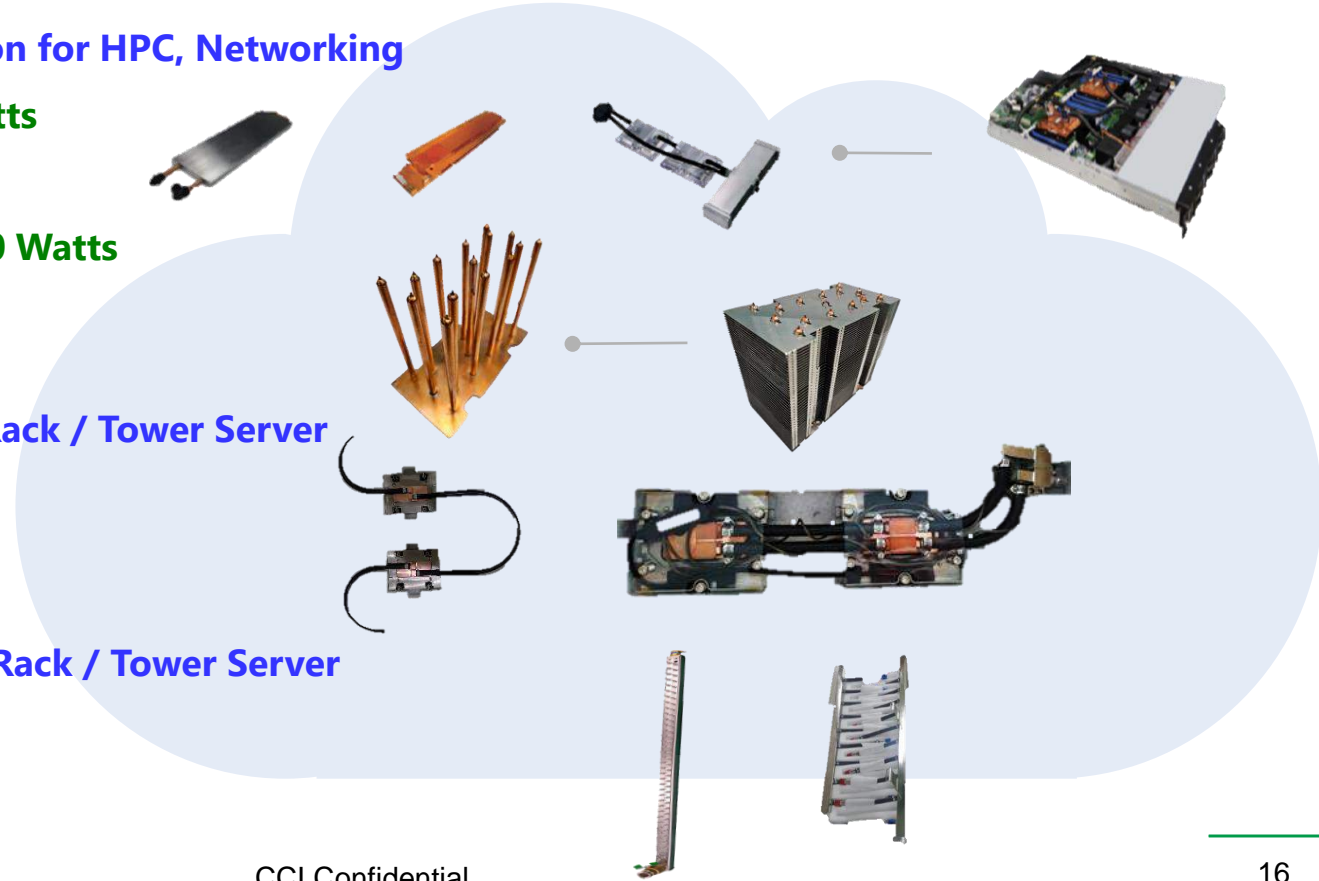
VC module for 350 - 700 Watts

3D VC module for 750 - 1400 Watts

Liquid Cooling Solution for Rack / Tower Server
LCM

Liquid Cooling Solution for Rack / Tower Server

CDM



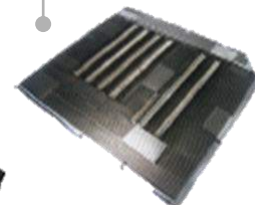
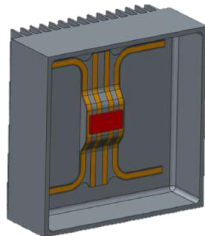
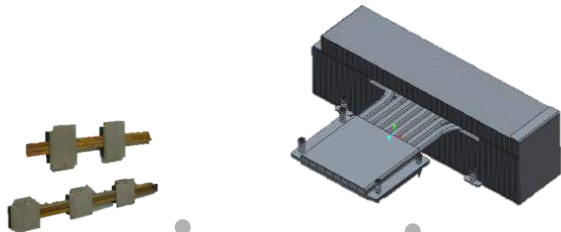
Application: 5G/6G/HPC

Hi-power Heat Pipe Module for 5G Telecom Switch

Long Heat Pipe $L \geq 600$ mm for 500Watts

600W switch thermal solution

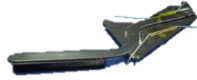
5G network thermal solution



Application: Automotive



ECU Heat Sink



ADAS AI Chip



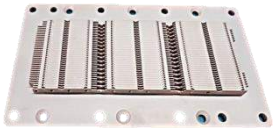
LIDAR Heat Sink



Turn Signal Light Heat Sink

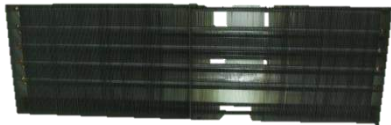


5G Antenna



IGBT Cold Plate
45KW, Cold Plate

Radiator



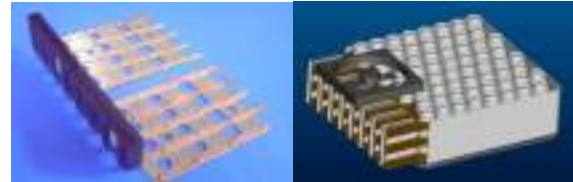
Head Light Heat Sink



Battery 38650 thermal solution



Charging Station



Q & A

Nidec

All for dreams