CY **Chen Yi Technology Enterprise** TAICHUNG, TAIWAN

ELECTRONICS / SERVER RACKS · CHASSIS · EQUIPMENT FRAMES

Server Rack & GPU Cabinet Sheet Metal

Fabrication in Taichung, Taiwan — sheet metal + CNC from one supplier

Frames, panels, perforated doors, cable trays, chassis and brackets for server racks and GPU cabinets — built to your drawing, from prototype to production.

STAINLESS	ALUMINUM	THICKNESS	CNC TOLERANCE
SUS304 / 316	AL6061 / 5052	Per drawing	± 0.005 mm

01 Parts we make

FRAME
Rack frames, posts & beams
Structural frames: cutting, bending, welding.

PANEL
Side, top & bottom panels
Outer panels with cut-outs and flanges.

DOOR
Perforated doors
Front and rear doors with ventilation patterns.

CABLE
Cable trays & channels
Overhead trays, internal channels, fixings.

CHASSIS
Server / GPU chassis
Housings and internal parts, with finishing.

BRACKET
Brackets & plates
Precision features machined in-house on CNC.

02 Materials & capabilities

Material	Typical use	Thickness
SUS304 stainless	Structure, panels, doors	Per drawing
SUS316 stainless	Higher corrosion resistance	Per drawing
AL6061 aluminum	Brackets, plates, structure	Per drawing
AL5052 aluminum	Lightweight housings, panels	Per drawing
SPCC steel	Bases, reinforcements	Up to 20 mm plate
Finishing	Paint, powder coat, anodize	On request

Published ranges: SPCC 0.8–20 mm, SUS304 0.8–4.0 mm, AL5052 1.0–5.0 mm; SUS316, AL6061 and others evaluated per drawing. CMM inspection reports on request.

03 Confidentiality & quality



Server rack sheet metal parts (illustration)

We never publish customer names, drawings or photos. NDA on request.

Cutting, bending, welding and assembly in house; CMM reports on request.

04 How we work

STEP 01
Drawings
DWG / STEP / PDF, material, thickness, qty

STEP 02
Quotation
Price and lead time, quoted per stage

STEP 03
Prototype
Samples for your validation

STEP 04
Small batch
Refine details after approval

STEP 05
Production
To the approved revision

05 FAQ

Q Can you make single parts?
Yes — single panels, doors, trays or brackets, or the full set with CNC parts.

Q Is my data confidential?
Yes. We never publish customer names, drawings or photos; NDA on request.

Q Drawing formats?
DWG, DXF, STEP or PDF, with material, thickness, quantity and finish.

Q Materials and thickness?
Per your drawing; commonly SUS304, SUS316, AL6061, AL5052.

Q Prototypes and small batches?
Yes. Lead time is quoted together with the price.

Q How to contact us in English?
Email service@chenyiautomation.com — we reply by email.

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