

China's automotive chip race: From dependency to domestic innovation

For reference:

CHINESE
ADAS
CHIPS

 BLACK
SESAME
TECHNOLOGIES

 Horizon
Robotics

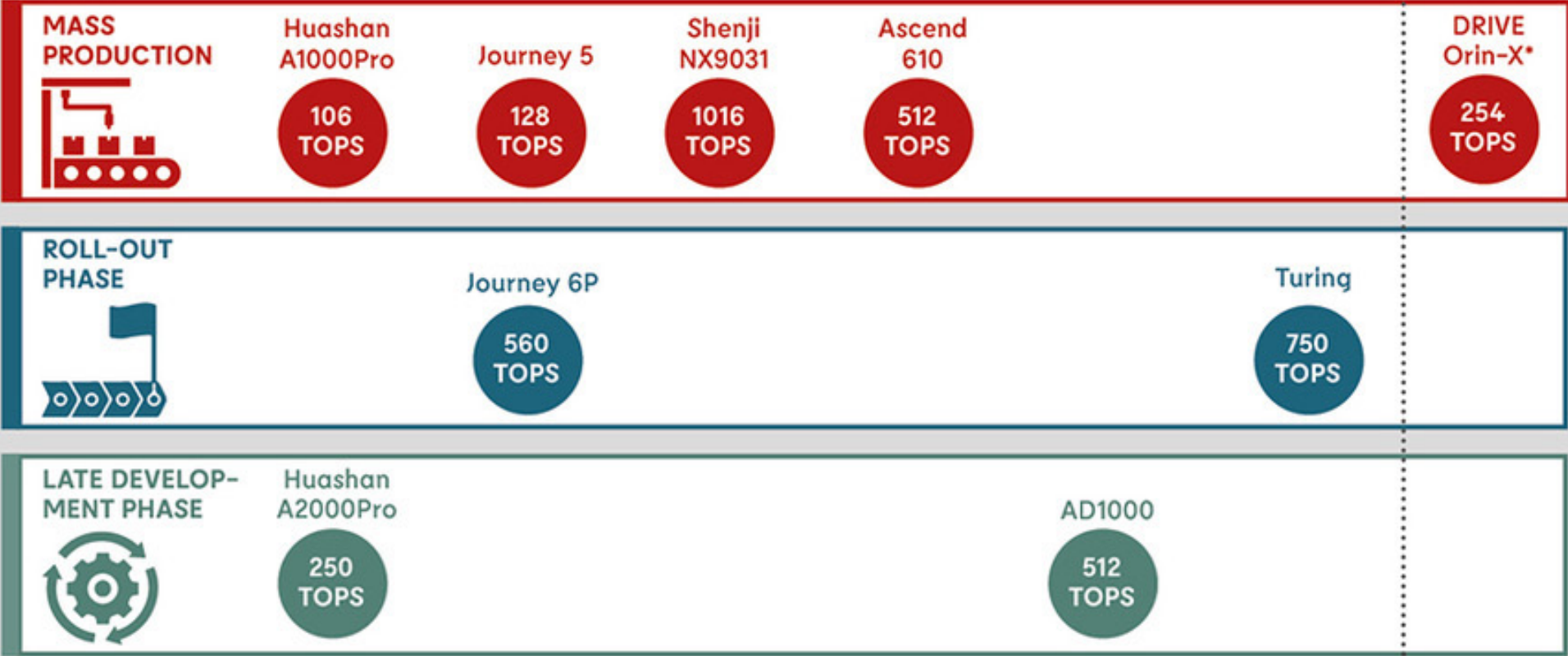
 NIO

 HISILICON

 sienqine

 XPENG

 NVIDIA



*Commonly used ADAS chip for reference

TOPS (Tera Operations Per Second): AI-chip processing power measurement

Weekly Facts & Figures.

- **Automotive chips:** Nio, Xpeng, BYD, and Li Auto are developing in-house ADAS SoCs.
- **Semiconductor policy:** Beijing boosts chip self-sufficiency with state funding and incentives.
- **Market shift:** U.S. export controls accelerate China's pivot to domestic chipmaking.

What This Means.

"Export restrictions have turned chip design into a strategic necessity. China's EV leaders are now building the brains behind their vehicles, not just the bodies."



Mirko Zumholz
Senior Consultant

Start the conversation.



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