

Memory Line Guide

Brand selection made simple.

Intelligent Memory

German-managed industrial memory specialist · DRAM and NAND



HEADQUARTERS

Hong Kong + Germany

PARENT

Neumonda Group

FOUNDED

1991

MODEL

Low-volume · high-mix
industrial

WHAT THEY MAKE

- DRAM components (chips themselves): DDR3, DDR4, LPDDR
- DRAM modules: DDR2 / DDR3 / DDR4 / DDR5, all form factors
- NAND storage: Emerald (SLC), Ruby (pSLC), Silver (MLC/TLC) –eMMC
- Industrial SD / microSD / CompactFlash / SSD

WHY THEY MATTER

- 10-year availability commitment on industrial parts
- Wide temperature range, works from 40°C to +105 C
- Built-in error correction (ECC) on memory chips
- Solutions for legacy / end-of-life memory replacement

BEST FIT FOR

- Industrial automation, robotics, machine vision
- Railway, aerospace, defense, and long lifecycle programs
- Medical imaging and equipment
- Telecom infrastructure and energy / smart grid

Origin Storage

UK · Memory and storage upgrades matched to OEM systems



HEADQUARTERS

United Kingdom

PARENT

Independent

FOUNDED

1995 — 30 yrs

CHANNEL

IT channel · VAR · MSP

WHAT THEY MAKE

- Memory modules: DDR3 / DDR4 / DDR5 (UDIMM, SODIMM, RDIMM)
- SSD enterprise: SATA, SAS, NVMe (matched OEM equivalents)
- SSD client: drop-in upgrades for Dell, HP, Lenovo systems
- HDD: matched 2.5" / 3.5" replacements
- Self-encrypting / FIPS-certified storage

WHY THEY MATTER

- Match to Samsung, Micron, SK Hynix part numbers (drop-in)
- OEM warranty preserved on host system
- Lifetime warranty on memory modules
- Single point of contact for memory, SSD and HDD

BEST FIT FOR

- VARs and IT integrators serving mixed Dell / HP / Lenovo fleets
- OEM requiring Memory Modules + SSD together fast with continuous samples and stock availability
- Customers requiring encrypted storage (gov, healthcare, finance)
- Server upgrade projects: PowerEdge, ProLiant, ThinkSystem

Lexar Enterprise

OEM and embedded division · Smartphone, automotive, workstation

**HEADQUARTERS**

San Jose, CA + Shenzhen

PARENT

Longsys (FORESEE OEM brand)

DIVISION FOUNDED

2023

MODEL

High-volume OEM

WHAT THEY MAKE

- Embedded storage: eMMC, UFS, eMCP, uMCP, ePOP
- Automotive eMMC: qualified for in-vehicle systems
- DDR5 server memory: 32 to 128 GB modules, AMD-validated
- Memory modules: DDR3L, DDR4, DDR5 (consumer + server)
- NAND chips: SPI NAND, parallel SLC NAND

WHY THEY MATTER

- AMD-validated DDR5 server memory (Threadripper PRO 9000WX)
- Automotive-qualified eMMC with high reliability rating
- Ultra-thin combo packages for AI wearables (ePOP)
- In-house controller technology

BEST FIT FOR

- Automotive Tier-1 suppliers
- Smartphone and tablet OEMs (under FORESEE brand)
- AI wearables, AR / VR devices
- Workstation and high-end desktop builders

Transcend

Vertically-integrated Taiwan manufacturer · DRAM modules and SD cards



HEADQUARTERS

Taipei, Taiwan

EU PRESENCE

Hamburg · Rotterdam ·
London

FOUNDED

1989 — 35+ yrs

MODEL

Consumer + Industrial dual
line

WHAT THEY MAKE

- DRAM modules: DDR3, DDR4, DDR5 (consumer + industrial grades)
- SSD enterprise: data center grade with power-loss protection
- SSD industrial: wide temperature, M.2 form factors
- SD cards: commercial and industrial grade microSD / SD
- USB drives, portable SSD, body cameras, dashcams

WHY THEY MATTER

- Owns their own R&D, assembly and testing in Taiwan
- Enhanced reliability features on industrial parts
- Single Taiwan vendor across DRAM, SSD, and SD cards

BEST FIT FOR

- Industrial PC builders, fanless edge boxes, machine vision
- AIoT and smart manufacturing
- Medical equipment, in-vehicle, and dashcam fleets
- Body camera and video surveillance integrators



HEADQUARTERS

New Jersey, USA

EU LEAD TIME

72h delivery on stocked parts

FOUNDED

1985 — 40 yrs

PACKAGING

SI Bulk · Tray · Retail

WHAT THEY MAKE

- DRAM modules: DDR3, DDR4, DDR5 (DIMM + SODIMM)
- SSD client: SATA and NVMe (Gen3, Gen4, Gen5)
- USB drives, SD / microSD cards
- NVIDIA Quadro / GeForce / RTX GPUs

WHY THEY MATTER

- Local EU stock with 72-hour delivery
- System Integrator Bulk packaging at 500 to 1000 unit MOQ
- Competitive pricing on commodity DDR4 / DDR5
- Strong NVIDIA GPU pairing for cross-sell

BEST FIT FOR






- System integrators and white-box PC builders
- Corporate IT desktop refresh projects
- Workstations

Who does what across 5 brands

● Strong offering / core line

● Limited / niche

— Not offered

PRODUCT CATEGORY	 IM	 Origin	 Lexar Ent.	 Transcend	 PNY
DRAM components (chips)	●	—	●	—	—
DDR3 memory modules	●	●	●	●	●
DDR4 memory modules	●	●	●	●	●
DDR5 memory modules	●	●	●	●	●
DDR5 server memory (AMD/Intel valid.)	●	●	●	●	●
DDR5 high-speed (6400+ Mbps)	●	—	●	●	—
Industrial / wide-temp DRAM	●	—	●	—	—
Automotive-qualified memory	●	—	●	●	—
eMMC embedded storage	●	—	●	—	—
UFS / eMCP / ePOP combo packages	—	—	●	—	—
SSD client (consumer NVMe)	●	●	●	●	●
SSD enterprise (data center)	●	●	●	●	—
Industrial SSD (wide-temp, PLP)	●	—	●	●	—
Industrial SD / microSD	●	—	●	●	—
USB drives / Portable SSD / cards	●	—	●	●	●
HDD — matched OEM	—	●	—	—	—
Self-encrypting / FIPS storage	—	●	—	—	—