# Artificial Intelligence (AI) and Machine Learning (ML) platforms run on Micron Technology

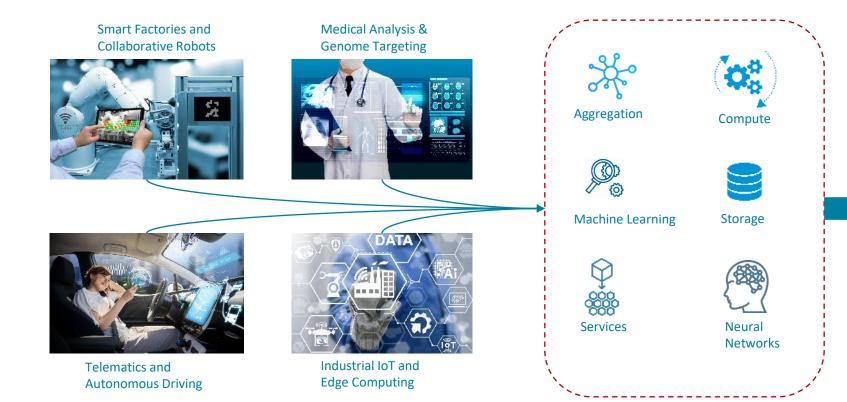
© 2021 Micron Technology, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. All information is provided on an "AS IS" basis without warranties of any kind. Statements regarding products, including statements regarding product features, availability, functionality, or compatibility, are provided for informational purposes only and do not modify the warranty, if any, applicable to any product. Drawings may not be to scale. Micron, the Micron orbit logo, the M orbit logo, Intelligence Accelerated<sup>™</sup>, and other Micron trademarks are the property of Micron Technology, Inc. All other trademarks are the property of their respective owners.



# **Evolving IoT/AI driving increased Memory needs**

#### **Memory Heavy Applications**

### Trends & Workloads





- Innovative
- Technical Expertise
- Wide Product Portfolio
- Customer Collaboration
- Manufacturing Leadership
- Longevity  $\rightarrow$  Leading Edge



# In Automotive

### **Micron Drives Automotive Leadership and Innovation**

- Automotive Mindset
  - 28+ years commitment, investment & dedicated support
  - ISO 9001/IATF 16949 Quality Management Systems
  - AEC-Q100 qualification methodology
  - Zero defect target approach
  - ISO 26262 design and validation for ASIL functional safety
- Broadest Portfolio and Leading Solutions
  One-Source for Automotive Grade solutions
  - - 40 to 125C: DRAM and NOR Flash
    - 40 to 105C: NAND, SSD, and e.MMC, Multi-Chip Packages
  - Six generations of advanced storage solutions
  - First with high temp, auto grade DRAM
  - Micron® Authenta<sup>™</sup> technology for cyber security
  - Consortium based Octal NOR Flash
- Technical Collaboration
  - Customer labs in Munich, Tokyo, Detroit, San Jose & Shanghai
  - Strong SoC/FPGA collaboration to accelerate time to market
  - Well connected to what it will take to get to L5 Autonomous driving
  - System & product experts to enable advanced solutions in security, functional safety and artificial intelligence





# Micron Intelligence Accelerated at the IoT Edge

### Complete IoT Edge Essentials

- High performance, low power DRAM for compute, AI/ML workloads
- Industry leading NOR & NAND solutions for code and data aggregation
- Industrial grade SSD and uSD solutions for on-premise storage

### Leading Technologies

- Delivering World's First Mass-Produced, Low-Power DDR5 DRAM
- Industry's First 1TB Automotive & Industrial Grade PCIe NVMe Flash Storage
- Zccela<sup>™</sup> Flash combines Octal SPI SDR/DDR interface with Flash to provide best-in-class instant-on performance
- Award winning 1TB microSD card using 3D QLC NAND technology

### Democratizing The IoT Edge

- Authenta<sup>™</sup> technology shifts security paradigm to enable new business models
- Strong ecosystem of strategic partners and reference solutions



## Ecosystem Alignment and Partnership

Micron's innovation in memory technologies and product solutions, matched with a strong partnership with common CSV's makes Micron the easy choice.



