



*Rugged Edge AI Short-Depth for computer vision, industrial controls & Private 5G.
IP65 fanless & no moving parts for challenging environments.*

Model	7StarLake TEC300S
Form Factor	IP65 fanless 12" Short-Depth 1U Edge AI Server
Processor	Ampere® Altra® 64 cores 2.2 GHz, 96 cores 2.8 GHz, 128 cores 2.6 GHz
Memory	8 x DIMMs with individual memory channels Up to 2TB (8 x 256 GB) DDR4 RDIMM memory, up to 3200 MT/s
GPU	Optional RTX MXM A1000 GPU (2048 CUDA® cores)
Storage	2 M-key (PCIe4.0 x4), 2280 form factor and 4 x 2.5" SATAIII SSD
Network Interfaces	2 x 10GbE RJ45 (X550) 1 x 1GbE RJ45 (i210)
Power Supply requirement	DC-IN 18V~36V, AC Power In Option
Security	Supports 13-pin (SPI) TPM modules
I/O	2x10G(SFP), 2x1G, 3xUSB3.0, 1xVGA, 5xCOM, 1xDC-IN, 1xPower Button with LED backlight
Supported Operating Systems	Red Hat®, Ubuntu®, and other Linux distributions
Firmware Support	AMI UEFI BIOS and ASPEED AST2500: IPMI 2.0
Rugged Ratings	MIL-STD 810
Dimensions	430 x 301 x 75 mm