

calmo S

Project spangler - 230V



12V DC with external 230V AC PSU

Available until at least 2023

PCIe Cards optional

State-of-the-art CPU



fanless design



protected against dust



temperature range -5°C up to 55°C



use 3 displays at a time

OS	Microsoft Windows 10 Professional / IoT Linux 64-bit
CPU	Intel® Core™ i5-8500T 6x 2,1 GHz, 9MB Cache @ 35W TDP
RAM	8GB SO-DIMM DDR4 PC2666
Storage	1 TB M.2 NVMe, 1 TB 2,5" SSD
Graphics	Intel® UHD 630
Display Interface 1	DisplayPort 1.2 (4096 x 2304 @ 60Hz)
Display Interface 2	DisplayPort 1.2 (4096 x 2304 @ 60Hz)
Display Interface 3	DVI-D (1920 x 1200 @ 60Hz)
Audio	Realtek ALC671 - 7.1 HD Audio
LAN	2x RJ45 @ 10/100/1000 Mbit/s (Intel® i219LM + i210AT)
Rear interfaces	2x USB 3.1 Gen2, 2x USB 3.1 Gen 1 4x USB 2.0 2x DisplayPort, 1x DVI-D 2x LAN 1x RS-232 2x PS/2 Audio
Internal interfaces	1x PCIe x16 1x miniPCIe (halfsize/fullsize) 1x USB-3.1 (Stick) 8bit GPIO

Front interfaces	Power-Button
PCIe Slot	1x PCIe x16
Special features	Always-On, Wake-on-LAN, PXE-Boot, TPM 2.0, Watchdog, System Guard, Recovery-BIOS, OnBoard RAID 0/1/5/10
PSU	12V DC with screwed plug, External PSU 84W included
Temperature range	-5°C to 55°C
Protection class	IP50
Measurements and weight	215 x 100 x 224 mm
Warranty	2 Years Bring-in warranty (up to 5 years)



PCIe Cards only up to 10W TDP max!