

HPC-8104 + ASMB-588



System	CPU	Intel® Core™ Processor Series 2 and 14th/13th/12th Gen) Core™ Processors
	Chipsatz	Intel® W680 chipset
	Memory	up to 192GB ECC RAM (4x 48GB)
	Storage	4x 3,5"/2,5" SSD/HDD Front 2x 2,5" SSD/HDD internal 1 x M.2 22110/2280 (PCIe/SATA)
	GPU	Intel® onboard GPU
	Display	1x VGA, 1x DVI-D, 1x HDMI
	Ethernet	4x RJ45 Gigabit Ethernet LAN
	Front I/O Panel	2x USB 3.0
	Rear I/O Panel	2x 230V Power in 1x VGA (Resolution up to 1920 x 1200 @ 60 Hz) 1x DVI-D (Resolution up to 1920 x 1200 @ 60 Hz) 1x HDMI 2.0 (Resolution up to 4096 x 2160 @ 60 Hz) 4x LAN 100/1000 (3x I210AT, 1x I219LM) 4x USB 3.2 1x RS232 or IPMI VGA 2x Audio (Mic-in, Line-out)
	PCIe	1x PCIe x16 (Gen5)
Environment	Operating Temperature	0 – 40 °C
	Humidity	10 ~ 95% @ 40 °C, non-condensing
	Vibration (5 ~ 500 Hz)	0.25 Grms / 2 G for internal disks
	Shock	10 G (with 11 ms duration, half sine wave)
	IP	-
Cooling	Chassis Fan	3x (4 cm/34 CFM) 1x (4 cm/23 CFM) high speed fan
	Air Filter	-
Power Supply	Power Supply	2x 650 Watt Hot Swap (80+ Platinum)
Physical Characteristics	Dimension (HxBxT)	[1 HE] 43.9 x 438 x 530 mm
OS	Windows	Windows 10/11 Pro / IoT Windows Server 2022/2025
	Linux	Linux 64-bit
Optional		IPMI AST2600 TPM 2.0 Rail-Kit
Available		2033