EAGLE A.I. Panel Mount Series

Intel® Core™ 9th Gen i7/i5/i3 | Ø 15" - 24"

BRESSNER
A ONE STOP SYSTEMS COMPANY

Modular Panel Mount Panel PC systems with Intel® Core™ 9th Gen. CPUs

Features

- Fanless industrial-grade Panel PC systems available in 15", 17", 19", 22" or 24"
- Intel® Core™ i7/i5/i3 9th Gen. processors
- Resolution: 1024 × 768 up to 1920 x 1080
- Resistive– or PCAP multitouch screen
- Front IP66 water and dust protection
- Optional AI Vision Accelerator Card Ready

Modular scalable Panel PCs

EAGLE A.I. industrial panel PCs are designed for complex industrial solutions. The flexible modular panel mount systems are available with panel sizes of 15", 17", 19", 22" or 24" to ensure easy installation, lower overall maintenance costs and scalable features. The units are IP66 water and dust protected on the front side, which is best-suited for factory operations while remaining easy to clean.

Outstanding performance and smart design

The EAGLE A.I. series has extremely high computing power with customization capabilities and offers high-speed data transfer for various industrial requirements. In addition, the package is designed to withstand extreme temperatures, making it the smartest choice for versatile applications such as industrial automation, factory control, surveillance, intelligent kiosks, military or communication centers.
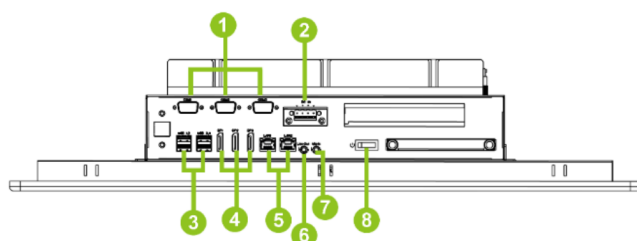
Last update: July 2021 - Specifications are subject to change without notification

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Display Sizes	15"	17"	19"	21.5"	23.8"
System					
CPU	Intel® Core™ 9th Gen. (Coffee Lake-S) i7/i5/i3, 2.2 ~ 3.6GHz, 35W (with Q370 chipset)				
Graphics	Intel® UHD Graphics 630				
RAM	2x 2666MHz DDR4 SO-DIMM socket support dual channel, non-ECC, 8GB default (up to 32GB)				
Storage	1x 2.5" SATA SSD 1x M.2 M.Key 2280 PCIe x4 for NVMe SSD 256GB				
Operating System	Windows 10				
Display					
Touchscreen	Full Flat Resistive / PCAP optional	Full Flat Resistive	Full Flat Resistive	Full Flat Resistive / PCAP optional	PCAP Multitouch
Aspect Ratio	4:3	5:4	5:4	16:9	16:9
Resolution	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Color Depth	16.2M	16.2M	16.7M	16.7M	16.7M
Viewing Angle	160°(H) / 160° (V)	170°(H) / 160° (V)	170°(H) / 160° (V)	170°(H) / 160° (V)	178°(H) / 178° (V)
Brightness	450cd/m²	350cd/m²	350cd/m²	250cd/m²	250cd/m²
Contrast	800:1	1000:1	1000:1	1000:1	3000:1
I/O					
Serial Ports	2x RS-232 1x RS232/422/485				
USB	4x USB 3.1				
Ethernet	2x RJ-45 Ethernet ports				
Video	3x DisplayPorts 1.2				
Audio	1x Line-out, 1x Mic-in				
Expansion Slots	1x M.2 Key E 2230 with PCIe x1, USB 2.0 and CNVI for wireless communication 1x Mini-PCIe for Full/Half with PCIe x1 and USB 2.0 1x PCIe x16 (30W max.)				
Mechanical					
Power Input	1x DC 19V ~ 28V				
Power Adapter	150W (PSU with PSE)				
Dimensions	398 x 330 x 123.9mm	426.2 x 358.6 x 124.7mm	495.5 x 384.7 x 131.3mm	584.2 x 364.6 x 121.4mm	653.7 x 412 x 121.3mm
Mounting	Panel Mount (by clamp), VESA Mount 75x75mm				
Environmental					
Cooling	Fanless				
Operating Temp.	±0° ~ 50° C (19V DC input)				
Storage Temp.	-20° ~ 65° C				
Humidity	10% ~ 90% non-condensing				
IP Rating	IP66 front / IK05				
Certifications	FCC/CE/VCCI Class B				

1. COM x 3
2. DC-in
3. USB3.1 x 4
4. DP x 3
5. LAN x 2
6. Line-out
7. Micro-in
8. On / Off