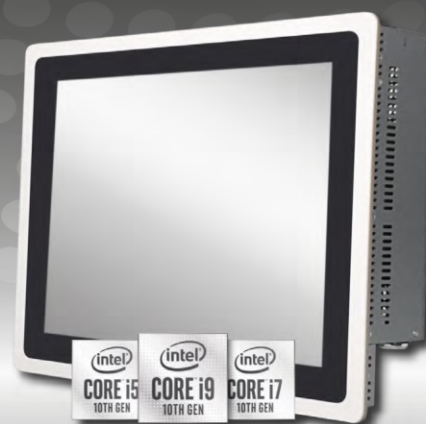




Panel-PC - Panelmount

HAWK CF 21-CL

- Optical Bonding
- Intel® Core™ i9/ i7/ i5/ i3, 10th Gen. (Comet Lake S)
Intel® Pentium® & Intel® Celeron®
- max. 64GB DDR4
- Capacitive



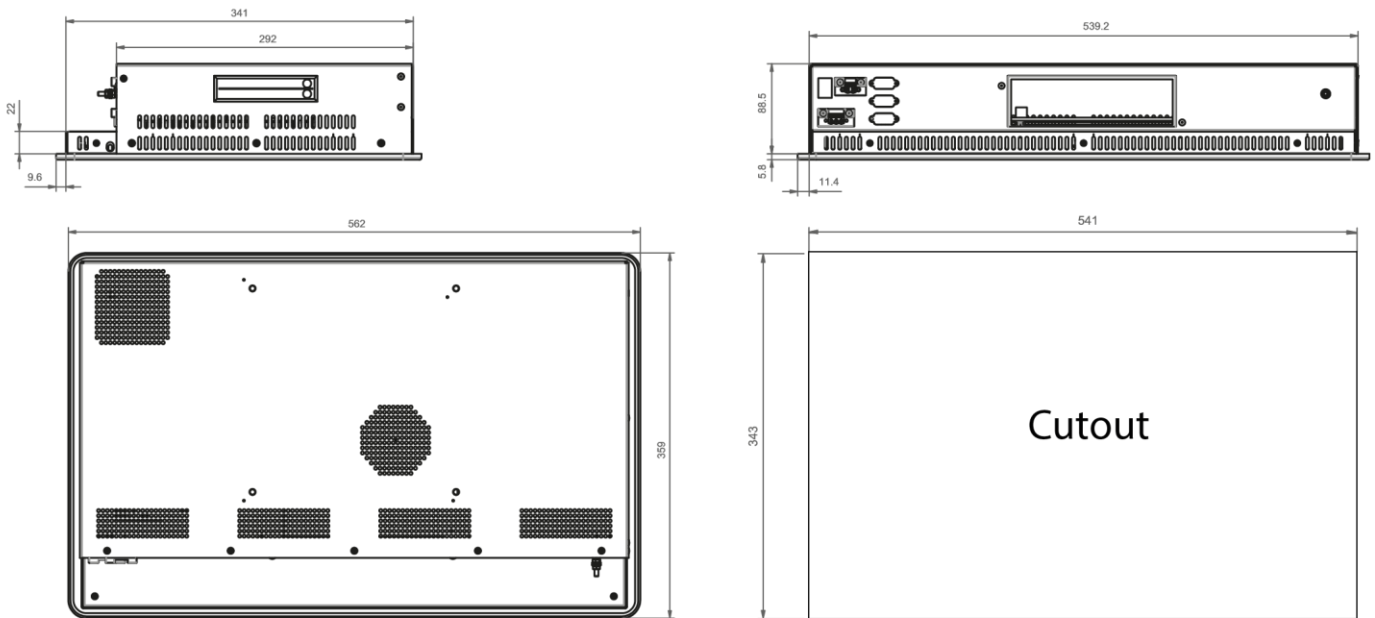
***Attention barebone system:**

CPU, RAM, HDDs / SSDs, operating systems and expansion modules can be found in the catalog under "System components and accessories": https://downloads.aprotech.de/cms/catalogue/APROtech_catalogue.pdf
You will receive a link to the catalog with prices from your sales contact: <https://aprotech.de/en>

Screen diagonal	21.5"
Aspect ratio / resolution (max.)	16:9 / 1920 x 1080
Technology	Optical Bonding
Touch	Capacitive (PCT)
Protection class	Front: IP65; Rear: IP30
Front	Aluminium silver; glass
CPU*	Intel® Core™ i9/ i7/ i5/ i3, 10 th Gen. (Comet Lake S) Intel® Pentium® & Intel® Celeron®
Chipset	Intel® H410
RAM*	Max. 64GB DDR4
Storage interface	4x SATA3 HDD/SSD (6GB/s); 1x M2 Key M (2242/2260/2280) with PCIe x4
Ports	2x GigE, 1x Intel® I219V; 1x Intel® I210 4x USB 3.2, Gen1, (2x external, 2x internal); 4x USB 2.0, (2x external, 2x internal), thereof 1x for touch 2x RS232/422/485; 4x RS232, (1x external, 3x internal) 1x In (Mic); 1x Out (LS)
Graphic Dual Display	1x VGA 1x HDMI 1x Displayport Intel® UHD Graphics
Expanded interfaces	1x M.2 Key E 2230 with PCIe x1
Cooling system	Active, CPU fan
Mounting	Panel mounting; Housing on swivel arm; VESA 200 x 200
Power input	6V to 36V DC

Power consumption	*i5-10500T: max. 100W, APROtech recommends using a 24V/120W power supply, *i7-10700T: max. 150W, APROtech recommends to use a power supply 24V/160W, *i9-10900T: max. 190W, APROtech recommends setting the boost mode in the BIOS to "Disabled". Without boost mode, a maximum of 90W is consumed. APROtech therefore recommends using a 24V/120W power supply.
Operating system	Option: Windows® 11 prof.; Windows® 10 prof.; Windows® 10 IoT; Linux
Max. color	16.7M
Luminance /cd/m²	300
View angle / H/V	170° / 170°
Backlight lifetime / hrs	30,000
Contrast ratio	5000:1
Operating temperature	0° to 60°C
Certificate	CE
Dimensions / mm	562 x 359 x 94.3
Weight / kg	ca. 11.5
Scope of delivery	3-pin terminal block connector; retaining clip; touch pen; on/off button; driver CD

*All specifications apply under the assumption that all available CPU cores are simultaneously operated with 100% full load in boost mode.



Order Information

Aluminium silver

HAWK CF 21-CL (Barebone)

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