ALLNET AIO IPC industrial Windows/Linux, 19 inch IP67 stainless steel, Core I5, 8GB/256GB, Armoury-190
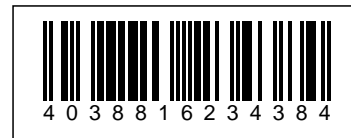
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Discover the ALLNET Armoury-190 Stainless Steel Waterproof IP67 PC – your reliable solution for demanding environments.

This weatherproof 19-inch panel PC is perfect for use in harsh conditions. With a robust stainless steel housing and waterproof screw connections, it offers complete protection in accordance with IP67. The Armoury-190 can easily withstand dust, water and extreme temperatures. Ideal for industrial applications or outdoor areas.

The powerful 12th generation Intel Core i5 processor ensures fast and reliable performance. With 8 GB RAM and a 256 GB SSD, this PC offers sufficient storage space and speed for your applications. The 1280x1024 resolution in combination with a highly sensitive projected capacitive (Pcap) touchscreen ensures razor-sharp displays and precise operation.

Thanks to versatile connections – 2x RS232, 2x USB 2.0, 2x LAN and 1x DC IN – the PC can be flexibly integrated into a wide variety of systems. With a wide input voltage range of 9-36V, the ALLNET Armoury-190 adapts to a wide range of power supply requirements.

Rely on the ALLNET Armoury-190 for uncompromising performance and longevity, even under extreme conditions.

19" panel PC / Full IP67/cap touch I5-12Gen.
1280*1024/2*RS232+2*USB2.0+2*LAN+1*DC IN/8+256GB
Stainless steel housing 9-36V
Customs Tariff Code/Customs Tariff Number: 8471410000

Screen size: 19-inch
Touch type: Projected capacitive (Pcap) touch

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Page 1/4

Resolution: 1280x1024
Ports:2x RS232
2x USB 2.0
2x LAN
1x DC IN
Memory and storage: 8GB RAM, 256GB storage
Input voltage: 9-36V
Housing material: Stainless steel

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Armoury-190		
LCD display	Display Type	19" (XGA) a-Si TFT-LCD1919" inch (XGA) a-Si TFT-LCD 1280(H)x1024(V) Angle 80/80/70/70
	Luminance (cd/m2)	500 cd/m²
	Contrast Ratio	1000:1
	Backlight Life (hrs)	30,000 hrs (min.)
Touchscreen	Touch Type	Resistive 5-finger touch
	Light Transmission	>81%
	Controller	USB interface
CPU	CPU/Socket	Intel® Core™ i5 12th Gen 1255U
	BIOS	AMI SPI 64Mb
Memory	Technology	DDR4, 1.2V,2133/2400MHz
	Max. Capacity	16 GB
	Socket	1 x DDR4 SO-DIMM
Storage	SATA	N/A
Expansion slot	MiniPCIe	1 x full size Mini PCIe
Ethernet	Controller	2 x Intel® Ethernet Connection
	Speed	10/100/1000 Mbps
	Connector	2
Audio	Audio Interface	Optional
	Connector	Audio&Mic-in
	CODEC	Realtek ALC662VD, High Definition Audio
Watchdog Timer		Yes
IO	USB3.0/2.0	3 x USB2.0
	GPIO	N/A
	Display Port	Optional
	COM Port	2 x RS232(COM1/2 support

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Page 2/4

		RS485/RS422,RS485 with isolate,115200)
Mechanical	Mounting	Desk/wall-mounting,VESA mounting
	Weight(kg)	10.6kg (13.6kg)
	Dimension (mm)	380.9mm(L) x 318.9mm(W) x 57.3mm(H)
	Construction	Stainless steel housing
Power	Power Type	DC
	Input Voltage	9-36V DC
	Power Adaptor	AC to DC, DC12V/5A
Environment	Operational Temperature	With extended temperature peripherals:0 ~ 60° C with 0.7m/s air flow
	Storage Temperature	-20 ~ 70° C
	Relative Humidity	95% @ 40° C (non-condensing)
	Vibration during Operation	With SSD: 3 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Shock During Operation	With SSD: 30 G, IEC 60068-2-27, half sine, 11 ms duration
Protection Rate		Full IP67
Operating System	Windows	Windows 11/10 licence not included
	Linux	Ubuntu,CentOS

Attributes

Attribute	Value
Alternative Betriebssysteme:	Windows;Linux;
Arbeitsspeicher (RAM):	8
Auflösung Panel:	1280x1024
Betriebssystem:	keines
Chipset:	Intel Core i5 1255U Gen12
Diagonale:	19
Einsatzbereiche:	indoor
Farbe Gehäuse:	schwarz
Hauptspeicher:	256

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Page 3/4

Attribute	Value
IP Schutzklasse Display:	IP 20
Montageart:	Vesa 100x100;Aufputz;
Touchscreen:	kapazitiv
Weight:	7 Kg
Warranty:	12.00 Months