ALMEC
MECHATRONICS

| JASPER | INDUSTRIAL PANEL PC |

The overall feature of Jasper Series is industrial quality and Ultra Slim design of the front bezel (only 3 mm), making it very modern and innovative. High precision aluminum alloy architecture, fully enclosed design, fanless CPUs, high configuration motherboard, and high-speed storage solution. Support embedded, desktop, wall mounted and other diversified installation methods to meet the application needs of different devices in different environments.

Features »

• Ultra Slim front bezel (3 mm)
• High precision die-casting aluminum molding, dustproof and waterproof.
• Self developed fanless industrial motherboard, with a variety of options.
• Conform to EMC anti electromagnetic interference standard.
• Industrial protection, applicable to various harsh environments.
• Equipped with dual networks, supporting 9-36V wide voltage power supply;
• Rich interfaces and strong extensibility.

| intel Core i3-i5-i7 | No fan cooling | High performance | IP65 waterproof | 7*24H operation |

intel CORE i3 9th Gen | intel CORE i3 10th Gen | intel CORE i3 8th Gen | ISO FC CE CCC RoHS ⑩ ☒

Product Model »

Product size	Reference	Resolution	Screen Scale	Brightness	Contrast ratio	Viewing Angle	Dimensions (mm)	Weight (kg)
7"	GPC-JAS-7	1024 x 600	16:9	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	-	1.9
8"	GPC-JAS-8	1024 x 768	4:3	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	223 x 17.7 x 42.5	1.9
10.1"	GPC-JAS-101	1280 x 800	16:10	300cd/m²	600:1	85/85/85/85 (L/R/U/D)	293.6 x 193.6 x 53.5	1.9
10.4"	GPC-JAS-104	1024 x 768	4:3	300cd/m²	800:1	75/75/70/75 (L/R/U/D)	288 x 231 x 56.5	2.4
11.6"	GPC-JAS-116	1920 x 1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	323.7 x 218.5 x 51.5	2.2
12"	GPC-JAS-120	1024 x 768	4:3	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	319 x 257 x 56.5	3.1
12.1"	GPC-JAS-121	1280 x 800	16:10	300cd/m²	600:1	80/80/80/60 (L/R/U/D)	330 x 227.3 x 53.5	2.6
13.3"	GPC-JAS-133	1920 x 1080	16:9	300cd/m²	1000:1	85/85/85/85 (L/R/U/D)	373.6 x 245.2 x 57	2.9
15"	GPC-JAS-150	1024 x 768	4:3	300cd/m²	700:1	80/80/70/70 (L/R/U/D)	420 x 269 x 70	4.3
15.6"	GPC-JAS-156	1920 x 1080	16:9	300cd/m²	800:1	85/85/85/85 (L/R/U/D)	379.8 x 300 x 63.6	3.7
17"	GPC-JAS-170	1280 x 1024	5:4	300cd/m²	1000:1	80/80/80/70 (L/R/U/D)	414 x 345 x 63	5
17.3"	GPC-JAS-173	1920 x 1080	16:9	300cd/m²	600:1	80/80/60/80 (L/R/U/D)	458 x 291 x 67	4.5
18.5"	GPC-JAS-185	1920 x 1080	16:9	300cd/m²	600:1	80/80/80/60 (L/R/U/D)	-	5.5
19"	GPC-JAS-190	1280 x 1024	5:4	300cd/m²	1000:1	75/75/70/75 (L/R/U/D)	451 x 380 x 63	6
19.1"	GPC-JAS-191	1440 x 900	16:10	300cd/m²	1000:1	85/85/80/80 (L/R/U/D)	486 x 332 x 63	5.4
21.5"	GPC-JAS-215	1920 x 1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	557 x 345 x 63	6
23.8"	GPC-JAS-238	1920 x 1080	16:9	300cd/m²	1000:1	89/89/89/89 (L/R/U/D)	606 x 376 x 67	6.5

Product Installation »

| Embedded installation | Embedded installation | Wall mounted installation | Desktop installation | Louver installation | Cantilever installation | Boom type installation |

ISO 9001 BUREAU VERITAS Certification | ACCREDIA

Product Specifications »

Hardware Configuration

CPU	Intel® Celeron® J4125; Intel® CORE®: i3-6100U; i3-8145U; i3-10110U - i5-6200U; i5-8265U; i5-10210U - i7-6500U; i7-8565U; i7-10510U
Integrated graphics	Intel® UHD Graphics 600 (J4125); Intel HD Graphics 520 (6th gen.); Intel UHD Graphics 620 (8th, 10th gen.)
RAM	4G DDR4 - Optional 8G (J4125); 4G DDR4 - Optional 8/16/32G (6th, 8th gen.); 8G DDR4 - Optional 16/32/64G (10th gen.)
Storage	128G SSD - Optional 256/512G
System	Windows 7/10/11; Linux
WIFI	2.4GHz / 5GHz dual bands
Bluetooth	BT4.2

Touch Screen

Capacitive Touch	Touch screen type: 10 point touch projection capacitive touch screen Light transmittance: ⩾ 88% Input mode: handwriting or capacitive pen Controller communication: USB
Resistive Touch	Touch screen type: single point resistive touch screen Light transmittance: ⩾ 78% Input mode: Fingertip or stylus Controller communication: USB

Environmental

Working Temperature	-10 °C ~ 60 °C
Storage Temperature	-20 °C ~ 70 °C
Operating Humidity	Humidity: 95% Non-Condensing

Other

Power Input	AC 100-240V 50/60Hz passed CE certification
Voltage Input	DC12V ~ 36V
Static Power	18W
Fuselage Properties	Body material: aluminum alloy. Body color: technical silver, classic gun black
Warranty Policy	One year free, extendable to 2 or 3 years on request
Installation Method	Embedded installation is recommended, supporting wall mounted, desktop mounted, cantilever mounted, boom mounted, etc

I/O Interface

DC	1x screw connector jack 2.5 mm (12 ~ 36Vdc)
USB	2x USB 3.0 , 2x USB 2.0
LAN	2x LAN 10M/100M/1000M adaptive Ethernet
HDMI	1x HDMI, Support HDMI data output, maximum support 1080P
SMI Card	1x SIM, SIM card interface standard interface supports various formats (depending on 3G / 4G module)
VGA	1x VGA
AUDIO	1x Audio I/O, Support audio input and output
RS232	2x RS232 (Optional: RS485, RS422)
Industrial terminal	1x Industrial terminal
OTHERS	1x Power, 1x GEN, 2x WIFI

Interface Distribution »

GEN   Wifi   Wifi

DC(12 ~ 36V)   Power   DC   USB2.0   USB3.0   LAN   HD/SIM   VGA   Audio I/O   COM1   COM2

Only the 15 inch interface is displayed. Please contact us for details.
* All specifications and photos are subject to change without notice.

ISO 9001
BUREAU VERITAS
Certification