

OFP-15W38-O1

15.6" Full-HD PCAP Multi-Touch Fanless Open Frame Panel PC with 11th Generation Intel® Core™ i3/i5/i7 Processors (With OOB Module)



Product Features

- 11th Generation Intel® Core™ i3/i5/i7 Processors
- Default with 60GB Apacer CoreSnapshot 2.5" SSD for OOB recovery function
- 2 x LAN, 4 x USB 3.0, line-out, mic-in, 1 x COM, 2 x DP++
- Option for Wi-Fi & BT function
- Slim & strength design
- Fanless operation from 0° ~ 45°C
- 2 x 260-pin DDR4 3200 MHz SO-DIMM
- 1 x LAN for OOB connectivity
- Option for 3 x COM, 2 x USB2.0
- TPM 2.0
- Wide voltage input +12 ~ 24V DC

Specification

System Information

Processor	11th Generation Intel® Core™ i3/i5/i7 Processors Intel® Core™ i3-1115G4E Processor, 6M Cache, up to 3.00 GHz Intel® Core™ i5-1145G7E Processor, 8M Cache, up to 2.60 GHz Intel® Core™ i7-1185G7E Processor, 12M Cache, up to 2.80 GHz
System Memory	Default with 4GB DDR4 memory option supports up to 64GB DDR4 3200MHz SO-DIMM
I/O Chipset	EC ITE IT8528
Watchdog Timer	H/W reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
BIOS	AMI uEFI BIOS, 256Mbit SPI Flash ROM
H/W Status Monitor	Monitoring system temperature and voltage with auto throttling control
TPM	TPM 2.0
SBC	EMX-TGLP
CPU Cooler (Type)	Fanless heatsink
Other	With OOB (Out-Of-Band) module 6 x Antenna mounting with dust cover (reserve)

Expansion

Expansion	1 x M.2 (2230) E-Key support WiFi module
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Storage

Storage	Default with 60GB Apacer CoreSnapshop 2.5" SSD for OOB recovery function
Other Storage Device	1 x M.2 type B 3042/3052/2242/2260/2280 SSD (SATA/NVMe) (by option)

Display

Graphic Chipset	Intel® 12th Generation CPU integrated
Spec. & Resolution	2 x DP++: 1920 x 1080@60 Hz

Audio

Audio Codec	Realtek ALC888S
Audio Interface	Mic-in, Line-out
Audio Amplifier	2 x Stereo Class-D 6W audio amplifier

Ethernet

LAN Chipset	1 x Intel® I219LM Gigabit Ethernet PHY (LAN1) 1 x Intel® I225LM 2.5 Gigabit Ethernet (LAN2)
Ethernet Interface	Intel® I219LM : 10/100/1000 Base-Tx GbE compatible Intel® I225LM: 10/100/1000/2.5G Base-Tx GbE compatible

Power Requirement

DC Input	+12V ~ +24V
ACPI	Single power ATX support S0, S3, S4, S5 and ACPI 3.0 compliant

Software Support

OS	Win10 / Win11 / Linux
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Certification

Certification Information	CE / FCC Class A
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Panel

LCD Size	15.6", 16:9
Display Type	Full HD
Resolution	1920 x 1080

Pixel pitch	179.25um(H) x 179.25um(V)
Luminance	220 cd/m2
Contrast ratio	800
Viewing angle	85 (U), 85 (D), 85 (L), 85 (R)
Response time	30 ms
Backlight	LED
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Light Transmission	89%
Touch Controller	EETI

External I/O

USB Port	4 x USB 3.0 2 x USB 2.0 (option)
LAN Port	2 x RJ-45 1 x RJ-45 for OOB connectivity
COM Port	1 x RS232(default)/RS422/485 3 x RS232(for option)

Internal I/O

GPIO	16bit GPIO (for option)
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System Control

LED Indicator	HDD LED, power LED
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Mechanical & Environmental

Operating Temp.	0°C ~ 45°C (32°F ~ 113°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	40°C @ 95% Relative humidity, non-condensing
Dimension (W x L x H)	387 x 235 x 48mm
Weight	4.9 Kg
Vibration Test	With M.2 SATA : 1.5Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 0.5hr/axis
Shock Test	Operating with M.2 SATA : IEC 60068-2-27 testing procedures, 10G for operation mode
Drop Test	ISTA 2A, IEC-60068-2-32 Test:Ed
Mounting Kit	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm
Power Mode	Default AT mode.

Ordering Information

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OFP-15W38-630-O1R

15.6 Full-HD Multi Touch Open Frame Panel PC / Intel Celeron 6305E, 4GR, 60GB 2.5" SSD,
4xUSB3,COM, 1xLAN for OOB Module, 2xLAN, 2xDP++, without adapter

OFP-15W38-111-O1R

15.6 Full-HD Multi Touch Open Frame Panel PC / Intel Core i3, 4GR, 60GB 2.5" SSD,
4xUSB3,COM, 1xLAN for OOB Module, 2xLAN, 2xDP++, without adapter

OFP-15W38-114-O1R

15.6 Full-HD Multi Touch Open Frame Panel PC / Intel Core i5, 4GR, 60GB 2.5" SSD,
4xUSB3,COM, 1xLAN for OOB Module, 2xLAN, 2xDP++, without adapter

OFP-15W38-118-O1R

15.6 Full-HD Multi Touch Open Frame Panel PC / Intel Core i7, 4GR, 60GB 2.5" SSD,
4xUSB3,COM, 1xLAN for OOB Module, 2xLAN, 2xDP++, without adapter

ACC-ADP-090N-06R

AC/DC adapter 24V/3.75A PWR DIN Plug

E1702031835R

USA Power Cord

E170203183DR

EU Power Cord

E170203183BR

Japan Power Cord

E170P060370R

UK Power Cord

E170P060392R

Australia Power Cord