

APC-2146

21.5" Intel® 14th Gen Meteor Lake Ultra 5 125U Processor light Multi-Touch Fanless Panel PC



Product Features

- 21.5" FHD Display with PCAP Multi-touch
- Two 262-Pin DDR5 5600MHz SO-DIMM Socket Supports Up to 64GB
- Front Panel IP65 & Fanless Design
- Intel® 14th Gen Meteor Lake Ultra 5 125U Processor
- Ultra-slim Design
- Optional WiFi & BT

Specification

System Information

Processor	Intel® 14th Gen Meteor Lake Ultra 5 125U Processor
System Memory	1 x 262-Pin DDR5 5600MHz SO-DIMM Socket Supports Up to 32GB
H/W Status Monitor	CPU Temperature Monitoring Voltage Monitoring
TPM	TPM 2.0
SBC	EMX-MTLP
CPU Cooler (Type)	Passive

Expansion

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

Storage	2.5" SATA3 SSD
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Audio

Speaker Output	2 x 2W speaker
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Ethernet

LAN Chipset	1 x Intel® i226LM 2.5 Gigabit Ethernet Controller 1 x Intel® i226V 2.5 Gigabit Ethernet Controller
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Power Requirement

DC Input	+12V~+24V
Power Connector Type	Mini Din 4-pin DC Jack

Software Support

OS	Win10, Win11, Linux
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Certification

Certification Information	CE, FCC Class B, VCCI
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Panel

LCD Size	21.5"
Display Type	Full HD
Resolution	1920 x 1080
Pixel pitch	248.25um (H) x248.25um (V)
Luminance	250 cd/m2
Contrast ratio	3000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	18ms
Backlight	LED
Touch Type	Projective capacitive multi-touch up to 10 points
Touch Light Transmission	89%

External I/O

USB Port	2 x USB 3.2 Gen1 2 x USB 3.2 Gen2 1 x USB Type C
Video Port	MIC-in, Line-out
LAN Port	2 x LAN
HDMI	1 x HDMI
Switch	Power switch

DC input	DC in Jack
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LED indicator	Power LED
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Mechanical & Environmental

Operating Temp.	0°C ~ 40°C (32°F ~ 104°F)
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Storage Temp.	-10°C ~ 60°C (14°F ~ 140°F)
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Operating Humidity	0% @ 90% Relative humidity, non-condensing
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Dimension (W x L x H)	539.6x324.6x45.5mm
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Weight	TBD
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Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 30min/axis
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Shock Test	With CF/SSD : 10Grms, IEC 60068-2-27, half sine, 11ms
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IP Rating	Front IP65
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Mounting Kit	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm
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Power Mode	AT/ATX
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System Fan	Fanless
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Construction - Front	Plastic white/ black
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Construction - Rear	Plastic white/ black
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Component

Adapter	Input:100 ~ 240Vac/ 50 ~ 60Hz Output:90W adapter (24V @ 3.75A adapter) AC-DC adapter
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Packing List

Packing List	1 x APC-2146 1 x Power adapter
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Ordering Information

Ordering Information	E170203183DR EU Power Cord
	E1702031835R US Power Cord
	E17120318001R JP Power Cord
	E170P060370R UK Power Cord