



POLECAT-185



KEY FEATURES

- 18.5" Display
- Intel 11th Gen Celeron i3/i5/i7
- Panel/VESA Mounting
- Projected Capacitive Touchscreen
- 5 LAN Ports, 4 support PoE

FRONT IP65

**i3/i5/i7
11th gen**

WIN 10/11





SPECIFICATION

Hardware & System

BIOS

SPI AMI EEI BIOS

CPU

Intel 11th Gen. Tiger Lake UP3 Celeron 6305E, Core i3-1115G4, Core i5-1135G7, Core i7-1165G7

MEMORY

SO-DIMM, DDR4, max. up to 32GB

STORAGE

1x M.2 2280 M-key+ 1x 2.5" SATA 3.0

GRAPHIC

Intel UHD Graphics or Intel Iris Xe Graphics

NETWORK

5x Intel I211AT (Optional 3G/4G/Wi-Fi)

EXPANSION

1x Full size Mini-PCIe slot

WATCHDOG

0-256 seconds programmable

OS

Win10, Win11, Linux

IO Interface

COM

2x RS232 (Optional 1x RS485)

ETHERNET

5x RJ45, 10/100/1000 Mbps, 4x Support PoE 802.3 AF (Single port max. up to 15.4W, total less than 45W)

USB

4x USB3.0

DISPLAY

1x HDMI

POWER

1x 2 pins, phenix terminal

LCD Display

SIZE/TYPE

18.5" TFT LCD

RESOLUTION

1366 x 768 (SXGA) / 1920 x 1080 (HD)

BRIGHTNESS

250 nits / 350 nits (HD)

BACKLIGHT & MTBF

LED backlit & 50,000 hours

DISPLAY AREA

409.8 x 230.4 (mm)

VIEW ANGLE

85/85/80/80 or 85/85/85/85 (HD)

Touchscreen

TYPE

Projective capacitive touchscreen

TOUCH POINTS

Multi points touch, max. up to 10 points

DURABILITY

>100 000 000 times

SURFACE HARDNESS

Mohs 6H

SPECIAL TREATMENT

Anti-fingerprint (AF)

Structure

STRUCTURE AND SURFACE

Magnesium-Aluminum alloy, sand blasting, anodized treatment

MOUNT METHOD

Panel mount, VESA 75/100

COOLING SYSTEM

Large area finned heat sink

OVERALL DIMENSION

462.4 x 296.6 x 57.5 (mm)

CUT-OUT DIMENSION

451 x 276 (mm)

NET WEIGHT

5.6 KG

IP PROTECTION

Front Panel IP65

Power & Environmental

OPERATING TEMPERATURE

0~+50°C / -20~+60°C (HD)

STORAGE TEMPERATURE

-20~+60°C / -30~70°C (HD)

RELATIVE HUMIDITY

10 ~ 95% @ 10C (non-condensation)

VIBRATION

50 ~ 500 Hz, 1.5G, 0.15mm peak to peak

SHOCK

10G/Peak (11 ms)

POWER INPUT

DC 9-36V

POWER CONSUMPTION

Around 40W

EMC

CE/FCC Class A



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DIMENSIONS

