APPD 1600-3C

15.6” IP65 Industrial 16:9 FHD USB-C
Single-Cable LCD Flush Touch Monitor





Main Features

- IP65 compliant plastic front bezel with flush panel by projected capacitive touch screen
- Single USB-C connection for touch, display, and Power Delivery, simplifying cabling
- Shares identical appearance with APPC series
- Ultra slim in depth
- Multiple mounting ways for easy integration

Product Overview

The 15.6-inch 16:9 LCD display APPD 1600-3C features a 10-point P-Cap multi-touch screen, 400 cd/m² brightness, and supports resolutions up to 1920 x 1080. APPD 1600-3C is ideal for space-constrained environments where systems and displays are separated. Its flush panel design with a slim bezel and IP65-rated front panel ensures durability in demanding industrial settings. APPD 1600-3C offers a single USB-C connection for touch, display, and Power Delivery, simplifying cabling. APPD 1600-3C provides panel mount and VESA mount options for flexible installation. APPD 1600-3C is the perfect companion for NEXCOM NISE fanless computers, NISE 3000 C30 / NISE 50 A04-04 series, and APPC 1060 panel PCs when a second display is needed.

Specifications

Panel

- LCD size: 15.6”, 16:9
- Resolution: FHD 1920 x 1080
- Luminance: 400cd/m²
- Contrast ratio: 3000:1
- LCD Color: 16.7M
- Viewing angle: 89 (U), 89 (D), 89 (L), 89 (R)
- Backlight: LED

Touch Screen

- Ten points P-Cap (projected capacitive touch)
- Touch light transmission: 85%
- Anti-scratch surface: 7H hardness
- Touch interface: USB

I/O Interface Rear

- 1 x USB-C: Touch Signal / Alt Mode DP signal / DC15V ±20% Power Input

OSD Function

- OSD keypad

Environment

- Vibration:
  - 2G@sine, 5~500Hz, 1hr/axis (operating), IEC 60068-2-6
  - 2Grms@random condition, 5~500Hz, 0.5hr/axis (operating), IEC 60068-2-64
- Shock:
  - 20G@wall mount, half sine, 11ms (operating), IEC 60068-2-27
- Temperature:
  - Operating temperature: 0°C~50° (Ambient with air flow)
  - Storage temperature: -20°C~75°C
- Operating humidity: 10%~90%, non-condensing

Mechanical

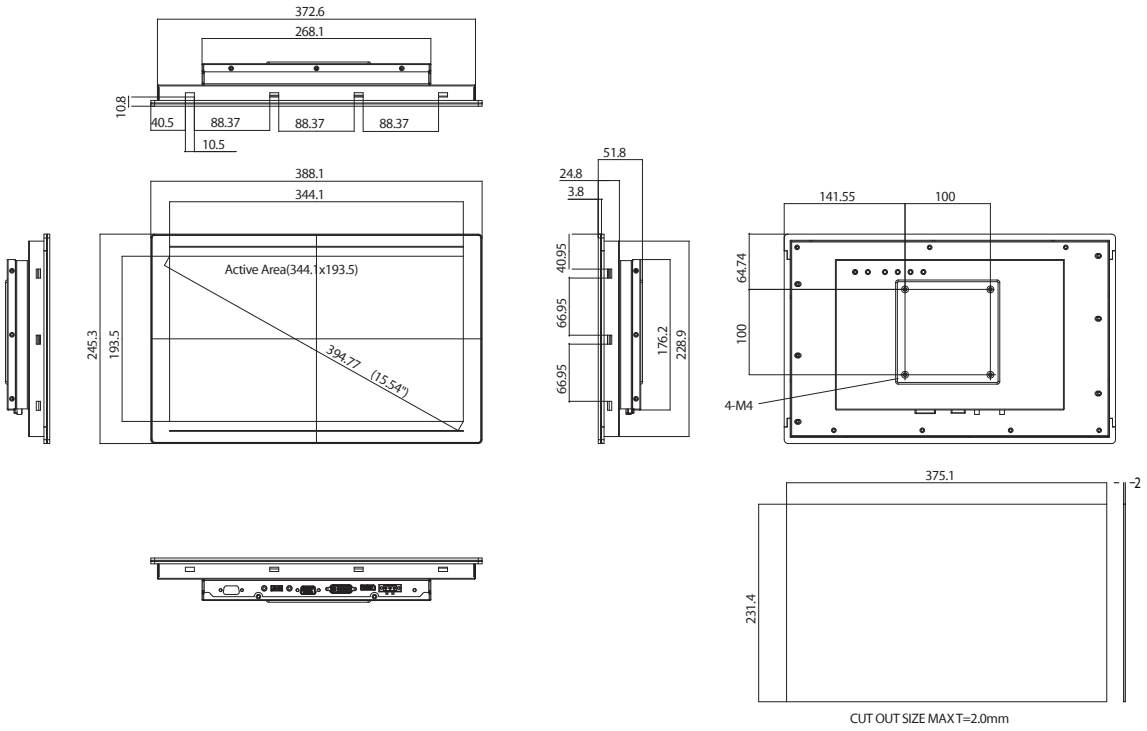
- Color: Black silver
- IP protection: IP65 front
- Mounting: Panel//VESA 100mm x 100mm
- Power
  - Power input: 15V DC ± 20%
- Dimension: 388.1mm (W) x 245.3mm (H) x 24.8mm (D)
- Weight: 2.8kg

Certifications

- CE approval (EN 55032, EN 55035)
- FCC Class A

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Dimension Drawing



Ordering Information

- **APPD 1600-3C (P/N: 10IA0160001XE)**
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We reserve the right to change specifications and product descriptions at any time without prior notice.