PCD7.D515CF

15.6" TFT – ARM Cortex A9 Quad Core
3 Ethernet, 2 USB ports

- ▶ 15.6" TFT color display,
  resolution 1366 × 768 pixel
  16M colors
  Dimmable LED backlight

- ▶ Projected capacitive touchscreen
  True glass design
  Multitouch operation

- ▶ 3 Ethernet ports

Advantages

- ▶ High Cyber Security Level.
  Protection from unauthorized accesses

- ▶ Modern HTML5 Browser based on Linux

- ▶ High quality, industrial grade. Long life cycle > 10 year

- ▶ Controllers, HMI and tools are harmonized and tested
  together

- ▶ HTML5 Chromium Browser to access PCD Web-Server
  or Saia PCD Supervisor

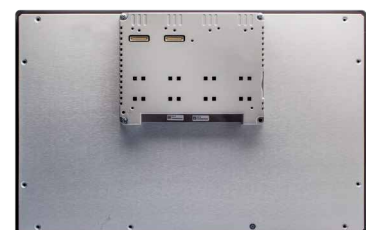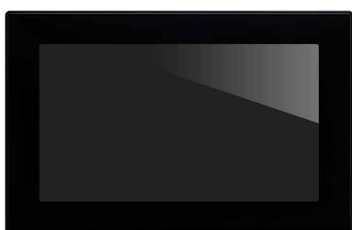- ▶ Compatible with HTML5 Web-Editor Projects

Applications

- ▶ Building automation

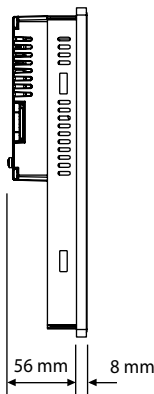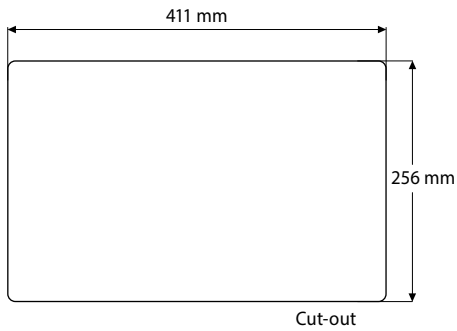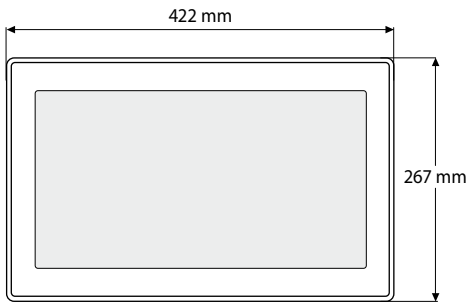- ▶ Infrastructure automation

- ▶ OEM

Highlights

The PCD7.D5xxCF Series HMI products combine state-of-the-art connectivity features and top performance in a great design.

They have been designed to offer an outstanding price/performance ratio for challenging applications. They are the ideal choice for HMI applications including factory and building automation.
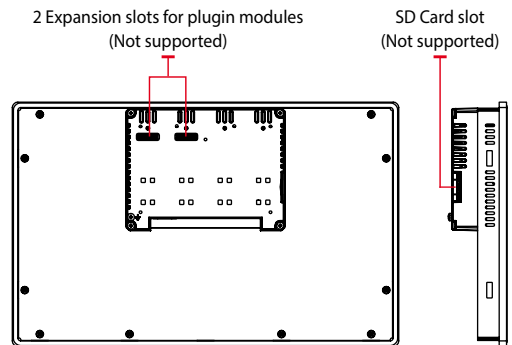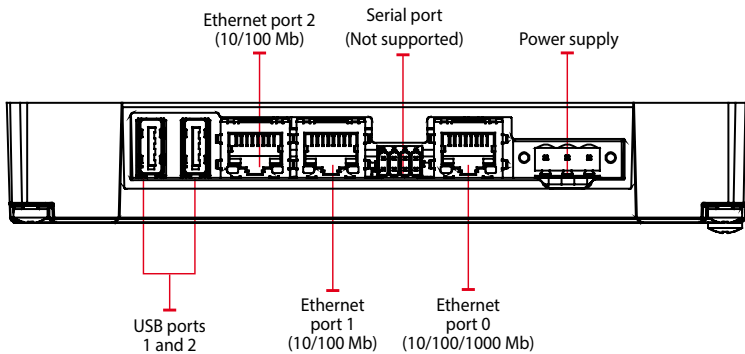
The glass projected capacitive touchscreen and the brilliant 15.6" widescreen display with resolution of 1366 × 768 guarantee great optical performance; with the support of multitouch gesture programming they can create the most natural human interfaces.

Technical Data

422 mm

267 mm

411 mm

256 mm

Cut-out

56 mm | 8 mm

System Resources	
Display - Colors	15,6" TFT LED - 16M
Resolution	1366 × 768, HD
Brightness	400 Cd/m² typ.
Dimming	to 0%
Touchscreen	True Glass Projected Capacitive, Multitouch
CPU	ARM Cortex-A9 quad core 800 MHz
Operating System	Linux RT
RAM	2 GB
Flash	8 GB
Real Time Clock, RTC Back-up, Buzzer	Yes
Interface	
Ethernet port	3 (port 0 - 10/100/1000, port 1–10/100, port 2–10/100)
USB port	2 (Host V2.0, max. 500 mA)
Serial port	Not supported
SD card	Not supported
Expansion	Not supported
Ratings	
Power supply	24 Vdc (10 to 32 Vdc)
Current Consumption	1.2 A at 24 Vdc (max.)
Input Protection	Electronic
Battery	Rechargeable Lithium battery, not user-replaceable
Environment Conditions	
Operating Temp	−20° … +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C
Storage Temp	−20°C … +70°C
Operating / Storage Humidity	5 … 85% RH, non condensing
Protection Class	IP66 (front), IP20 (rear)
Type	12, 4X
Dimensions and Weights	
Faceplate L × H	422 × 267 mm (16.6 × 10.5")
Cutout A × B	411 × 256 mm (16.18 × 10")
Depth D × T	56 + 8 mm (2.20 + 0.33")
Weight	4.1 kg
Approvals	
CE	Emission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments
UL	Pendent

Ethernet port 2 (10/100 Mb)
Serial port (Not supported)
Power supply

2 Expansion slots for plugin modules (Not supported)
SD Card slot (Not supported)

USB ports 1 and 2
Ethernet port 1 (10/100 Mb)
Ethernet port 0 (10/100/1000 Mb)

Ordering information

Part Number	Type	Description
PCD7.D515CF	15.6" HTML5 Web Panel, capacitive touch	15.6" HTML5 Web Panel, TFT color, 1366 × 768 pixel, capacitive multi touch screen, 3 Ethernet port, 2 USB host port

Honeywell | Partner Channel