KINGDY

THM U0S Series : Android & Linux
Full IP65 Fanless HMIs

*360° protection against
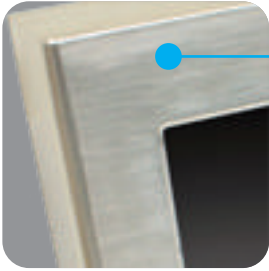intrusion of dust, water,
oil, or corrosive materials*

Features

- IP65 compliant 6-sided stainless steel chassis
- IP65 waterproof stainless steel connectors
- Standard / IP65 rated external power adapter

Specially suitable for dusty / humid / oily / corrosive industrial environments
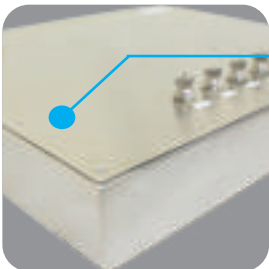
IP65 compliant 6-sided sealed stainless steel chassis
to prevent liquid / dust from getting into the housing and
to resist acid- / alkali-based cleaning agents from corroding the device

IP65 waterproof stainless steel connectors
to prevent liquid from getting into the housing via the cable entry points

IP65 rated external power adapter (alternative)
to prevent liquid from getting into the interior of the adapter
from the junction of the shell

No external heat sink

I/O connectors are loacted on the bottom
for 15" device

I/O connectors are loacted on the rear
for 17" ~ 21.5" devices

THM-U0S Series (Cortex-A9™ iMX6)

◆	CPU Performance	★★★
🔌	Energy Efficiency	🍃🍃🍃
📡	Touch Function	👆
💨	Dissipation Design	Fanless, No external heat sink
💧	Waterproof Design	IP65 chassis, IP65 connectors, IP65 power adapter (alternative)
▢	Housing Design	Stainless steel

CPU	Freescale ARM Cortex-A9™ iMX6 Dual Lite 1.0 GHz
Memory	1GB DDR3 (On Board)
Power Supply	DC in 12V external power adapter / Full IP65 DC in power adapter
I/O Ports (Default)	1 x RS232, 1 x GLAN, 2 x USB (15", 17", 19") / 1 x RS232, 1 x GLAN, 3 x USB (21.5")
Storage	4GB eMMC ; MicroSD (SDXC) x1
Operation Temperature	0°C ~ 45°C
Storage Temperature	-30°C ~ 85°C
Relative Humidity	20% ~ 90% non-condensing
OS Support	Android 4.4
Installation	VESA mounting 100 x 100 mm

Model Name		THM-U0S29-015A1	THM-U0S29-017A1
Display	Size / Aspect Ratio	15" TFT (4:3)	17" TFT (4:3)
	Backlight	LED	LED
	Resolution	1024 x 768	1280 x 1024
	Colors	16.2 M	16.7 M
	Luminance (cd/m2)	400	350
	Contrast Ratio	700:1	1000:1
	Viewing Angle (H/V°)	160/160	140/170
	MTBF (hrs)	50,000	50,000
	Touch Screen	5-wire resistive	5-wire resistive
Dimension (W x H x D, mm)		380 x 290 x 67	425 x 361 x 68
Weight (kg)		10.5	15.5
I/O Port's Location		Bottom	Rear

Model Name		THM-U0S29-019A1	THM-U0S30-021B1
Display	Size / Aspect Ratio	19" TFT (4:3)	21.5" TFT (16:9)
	Backlight	LED	LED
	Resolution	1280 x 1024	1920 x 1080
	Colors	16.7 M	16.7 M
	Luminance (cd/m2)	250	300
	Contrast Ratio	1000:1	3000:1
	Viewing Angle (H/V°)	170/160	178/178
	MTBF (hrs)	50,000	50,000
	Touch Screen	5-wire resistive	5-wire resistive
Dimension (W x H x D, mm)		455 x 367.6 x 67	561 x 267 x 67.5
Weight (kg)		15.5	17.5
I/O Port's Location		Rear	Rear

Inspiring a reliable solution

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