True Flat Medical All-in-One PCs
G Series

Front view

Rear view with removed cable cover
and cooling plate with VESA mounting holes

Key Features

21.5" 24"

Full HD resolution and also available as a display version without PC

True Flat design with AR protection glass and IP54 housing

Optional with PCap Touch, operable by finger or gloves

Medical certified (DICOM® compliant)

Long-term available with plastic housing and Front Touch Keys

High performance 6th Gen. Intel® Core™ i5-6300U CPU and Intel® HD Graphics 520

Many additional features: WLAN/Bluetooth, RFID/ NFC, Webcam, …

Individually configurable through customizing

Canvys – Visual Technology Solutions ▪ A Division of Richardson Electronics ▪ Custom Display Design and OEM Solutions

True Flat Medical All-in-One PCs
G Series

canvys®
visual technology solutions
A Division of Richardson Electronics

Technical Specifications

21.5"   24"

Model	21.5" Medical Display		24" Medical Display	
Size	21.5" / 54.6 cm		23.8" / 60.5 cm	
Aspect Ratio	16:9			
Active Area (H × V)	476.6 × 268.1 mm		527.0 × 296.4 mm	
Resolution	1920 × 1080 / Full-HD			
Pixel Pitch	0.248 mm		0.2745 mm	
Display Colors	16.7 M			
Response Time	18 ms		12 ms	
Brightness	250 cd/m² typ.			
Contrast Ratio	3000:1 typ.			
Viewing Angle (H × V)	178° / 178°			
Temperature Operating	0 °C to +40 °C	+32 °F to +104 °F	0 °C to +40 °C	+32 °F to +104 °F
Humidity Operating	0 % to 90 % RH			
Power Consumption	~ 30 W		~ 35 W	
Power Supply	External 24 VDC			
Dimensions (W × H × D)	521.0 × 326.0 × 56.5 mm	20.5 × 12.8 × 2.2 in	587.0 × 367.5 × 59.5 mm	23.1 × 14.5 × 2.3 in
Weight	6.7 kg	14.8 lbs	7.6 kg	16.8 lbs
Safety & Ergonomics	CE (IEC/EN60601-1: ed. 3.1, IEC/EN60601-1-2:2014/2015, 4th ed.), cUL (ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14), FCC			
Misc.	True Flat design with AR protection glass and IP54 (without I/Os), Front Touch Keys, fanless, white plastic housing (RAL 9003), LED backlight			
Options	PCap (Projected Capacitive Touch), WLAN/Bluetooth, RFID/NFC, Webcam, Reading lights, Backup-Battery			
Options Customizing	Other PC configurations, interfaces, branding, housing color, OS, …			

PC Specifications	
CPU	6th Gen. Intel® Core™ i5-6300U, 2 Core, 2.4 GHz
Memory	8 GB (up to 16 GB) DDR4 2133 SDRAM
Graphics	Intel® HD Graphics 520
Supported OS	Windows 7 / 8 / 8.1 / 10 Linux
HDD	2.5" SATA3 128 GB SSD (optional 256 GB SSD)
I/O Ports	
Serial	1× RS-232 / 422 / 485 1× RS-232
USB	4× USB 3.0
Audio	Speakers 2× 2 W, Audio out and Mic in
Equipotential Pin	yes
LAN	2× Gigabit Ethernet
Optional Upgrade Module	
Serial	1× RS-232 / 422 / 485 (isolated 5 kV) 1× RS-232 (isolated 5 kV)
USB	2× USB 2.0 (isolated 5 kV)
LAN	2× Gigabit Ethernet (isolated 5 kV)
HDMI	1× HDMI out

Different Views

Illustration of the I/Os

Front Touch Keys

Equipotential Bolt

24 V DC IN

4× USB 3.0

2× LAN

COM

COM

MIC / Audio OUT

HDMI

Reading lights

2× COM (isolated)

2× LAN (isolated)

2× USB 2.0 (isolated)

Canvys North America
www.canvys.com ▪ info@canvys.com ▪ 800.291.1344

Canvys Europe
www.canvys.de ▪ info-europe@canvys.com ▪ +49 - 771 - 8300 - 0