

SIMATIC IPC677D (Panel PC), 2x10/100/1000 Mbit/s Ethernet; 4x USB V3.0, 1x serial (COM1); Watchdog, temperature and Fan monitoring; RAID controller onboard; 15" Touch (1280x 800); with front USB Celeron G1820TE (2C/2T, 2.2 GHz, 2 MB cache) Solid-state drive 80 GB 2 GB DDR3 1600 DIMM; 2x PCI without expansion (HW) Windows 7 Ultimate 32 bit SP1, MUI (de, en, fr, es, it) without expansion (software) 24 V DC industrial Power supply

General information			
Product type designation	IPC677D		
Display			
Design of display	15" TFT touch		
Screen diagonal	15 in		
Resolution (pixels)			
• Horizontal image resolution	1 280 pixel		
• Vertical image resolution	800 pixel		
Backlighting			
• MTBF backlighting (at 25 °C)	80 000 h		
Control elements			
Input device			
• Mouse, at front	Front USB 2.0 (500mA)		
Touch operation			
• Design as touch screen	Yes; analog, resistive		
Installation type/mounting			
central design	Yes		
Mounting in portrait format possible	Yes		
Power loss			
In full configuration	155 W		
Dimensions			
Width of the housing front	415 mm		
Height of housing front	310 mm		
Mounting cutout, width	396 mm		
Mounting cutout, height	291 mm		
mounting depth	112 mm		
• additional mounting depth (optical drive)	26 mm		
Weights			
Weight, approx.	12 kg		
Classifications			
		Version	Classification
	eClass	14	19-20-01-03
	eClass	12	19-20-01-03
	eClass	9.1	19-20-01-03
	eClass	9	19-20-01-03
	eClass	8	27-24-23-01
	eClass	7.1	27-24-23-01
	eClass	6	27-24-23-01
	ETIM	10	EC001414
	ETIM	9	EC001414
	ETIM	8	EC001414
	ETIM	7	EC001414
Approvals / Certificates			
General Product Approval			



[Manufacturer Declaration](#)

[Miscellaneous](#)



[BIS CRS](#)

General Product Approval

Dangerous goods

[China RoHS](#)



[Dangerous goods information](#)

[Test Summary Report UN 38.3](#)

last modified:

11/24/2025