

S550



S550 | INDUSTRIAL MICRO COMPUTER

DYNICS S550 is a microcomputer equipped with a Gemini Lake Quad Core Celeron Processor. The S550 is one of our smallest computers, making it a perfect Micro Computer when space is limited. Portrait or Landscape Brackets Included.

- Small Form Factor
- 24VDC Power Brick Optional
- IP20 Rating

PC SPECIFICATIONS

COMPUTER I/O	Mini-STX Gemini Lake
1Gb Ethernet Port	2x
USB 3.0 Ports	2x
USB 2.0 Ports	4x
DisplayPort V1.2	2x
Audio Jacks	1x Line-In/Line-Out
CPU/ CPU SPEED	Gemini Lake Quad Core Celeron® J4105, up to 2.50 GHz, 4MB Cache
MEMORY	8GB DDR3
STORAGE	240GB - 2TB 2.5" SATA SSD
OPERATING SYSTEM	Windows® 10 Enterprise IoT LTSC 2019 (64-bit) (required for Gemini lake or Q370) Windows® 10 Professional (64-bit) (required for Gemini lake or Q370) Linux Ubuntu
POWER SUPPLY	24VDC Power Brick (Not Included)
POWER BRICK	Available: PWR-24V-40W-BARREL . Power Brick 2V, 40W Barrel Jack, 6Ft AC Cable Included
TEMPERATURE	Operating: 0°-50°C 32°-122°F Non-Operating: -25°-60°C -13°-140°F
RELATIVE HUMIDITY	Non-Condensing: 20% - 80%
SHOCK RESISTANCE	Operating: 10G Non-Operating: 15G
VIBRATION	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz
INCLUDED COMPLIANCE WARRANTY	Panel Mounting Bracket EU: RoHS Directive 2011/65/EU, EN 50581 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.



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DIMENSIONS, WEIGHT AND POWER CONSUMPTION

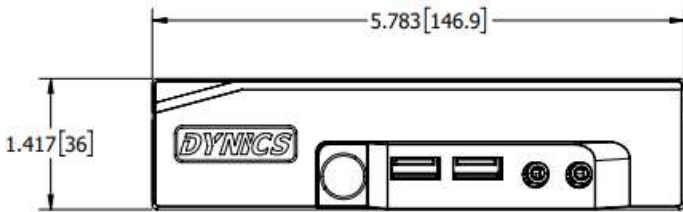
	HEIGHT	WIDTH	DEPTH	WEIGHT	POWER CONSUMPTION
S550	1.42" (36.1mm)	5.78" (146.9mm)	6.48" (164.5mm)	0.6 Lbs.* (0.27 Kgs.)*	Input Current: DC Input 30W AC Input with Included PSU 40W**

* Weights are approximate, contact DYNICS for details.

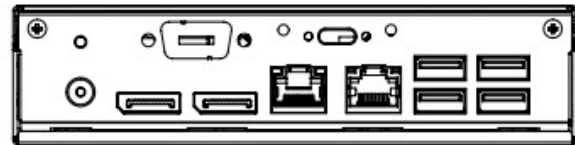
** Power consumption is based on maximum ratings; actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

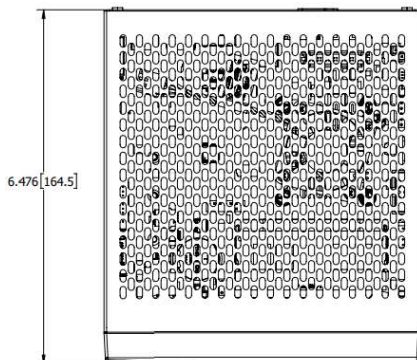
FRONT VIEW



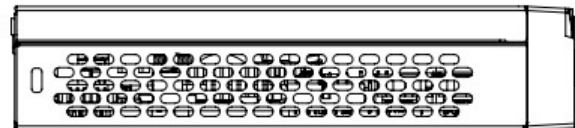
BACK VIEW



TOP VIEW



SIDE VIEWS



All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS Reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

